

1	3520	100.0	673	2	US-09-063-950-2	Sequence 2, App11
2	3520	100.0	673	2	US-09-591-181-52	Sequence 52, App1
3	3520	100.0	673	2	US-09-890-444-52	Sequence 55, App1
4	3520	100.0	673	2	US-09-897-333-52	Sequence 52, App1
5	3520	100.0	673	2	US-09-892-599-52	Sequence 52, App1
6	3083.5	87.6	558	2	US-09-866-028-69	Sequence 69, App1
7	3083.5	87.6	558	2	US-09-844-45-69	Sequence 69, App1
8	3083.5	87.6	558	2	US-09-945-584-69	Sequence 69, App1
9	3083.5	87.6	558	2	US-09-944-94-69	Sequence 69, App1
10	3083.5	87.6	558	2	US-09-945-587-69	Sequence 69, App1
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12	411.5	11.7	653	2	US-09-857-187-10	Sequence 10, App1
13	411.5	11.7	653	2	US-09-891-053-10	Sequence 10, App1
14	407.5	11.6	550	2	US-09-820-781-12	Sequence 12, App1
15	407.5	11.6	550	2	US-09-857-187-12	Sequence 12, App1
16	407.5	11.6	550	2	US-09-891-053-12	Sequence 12, App1
17	407.5	11.4	653	2	US-09-891-181-12	Sequence 12, App1
18	402.5	11.4	653	2	US-09-890-444-229	Sequence 229, App1
19	402.5	11.4	653	2	US-09-897-333-229	Sequence 229, App1
20	402.5	11.4	653	2	US-09-892-598-229	Sequence 229, App1
21	402	11.4	713	2	US-09-807-794A-245	Sequence 245, App1
22	402	11.4	713	2	US-09-805-128A-245	Sequence 245, App1
23	402	11.4	713	2	US-09-802-770A-245	Sequence 245, App1
24	402	11.4	713	2	US-09-803-603A-245	Sequence 245, App1
25	402	11.4	713	2	US-09-804-920A-245	Sequence 245, App1
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27	402	11.4	713	2	US-09-809-064-245	Sequence 245, App1

28	402	11.4	713	2	US-09-906-381A-245	Sequence 245, App
29	402	11.4	713	2	US-09-906-618-845	Sequence 245, App
30	402	11.4	713	2	US-09-906-646-645	Sequence 245, App
31	402	11.4	713	2	US-09-904-462-245	Sequence 245, App
32	402	11.4	713	2	US-09-902-736A-245	Sequence 245, App
33	402	11.4	713	2	US-09-906-722A-245	Sequence 245, App
34	384.5	10.9	660	2	US-09-907-794A-28	Sequence 28, App
35	384.5	10.9	660	2	US-09-905-125A-28	Sequence 28, App
36	384.5	10.9	660	2	US-09-902-775A-28	Sequence 28, App
37	384.5	10.9	660	2	US-09-906-700-28	Sequence 28, App
38	384.5	10.9	660	2	US-09-903-603A-28	Sequence 28, App
39	384.5	10.9	660	2	US-09-904-920A-28	Sequence 28, App
40	384.5	10.9	660	2	US-09-949-016-6843	Sequence 6843, App
41	384.5	10.9	660	2	US-09-909-064-28	Sequence 28, App
42	384.5	10.9	660	2	US-09-905-381A-28	Sequence 28, App
43	384.5	10.9	660	2	US-09-906-618-28	Sequence 28, App
44	384.5	10.9	660	2	US-09-906-646-28	Sequence 28, App
45	384.5	10.9	660	2	US-09-689-486-58	Sequence 58, App

## ALIGNMENTS

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RESULT 1
US-09-063-950-2
; Sequence 2, Application US/09063950C
; Patent No. 6225085
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; TITLE OF INVENTION: NOVEL LARG PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MEI-019
; CURRENT APPLICATION NUMBER: US/09/063,950C
; CURRENT FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 673
; TYPE: PR1
; ORGANISM: Homo sapiens
US-09-063-950-2

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Query Match	100.0%	Score 3520	DB 2	Length 673
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Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Dd	241	LTRLRLAGNTRIAQLRPEDLAGLAQLELDVSNLSIQALPDGLSGLFPRLRLTLAAANPF	300
Oy	301	NCTCPLSMWGPNVRSSHVTLASPEETRCHPPPKNAGRLLLELDYADGCAPIITTTAVPT	360
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Oy	361	TRVVAREPALSSSLAPMTLSPATAATEAAPSPSTAPPTVGFVPODDCPSTCLNGTC	420
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QY 481 QRYVQSSVQRLSLRLTYRNLGSPDKRLVTTLRLPASLALEYVTYQLRPNATYSVCVMPILGP 540  
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## RESULT 2

US-09-991-181-52  
Sequence 52, Application US/09991181  
Patent No. 6913919  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botsstein, David  
APPLICANT: Deonoviers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
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APPLICANT: Gerber, Hanspeter  
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APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gutney, Austin L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C53  
CURRENT APPLICATION NUMBER: US/09/991,181  
CURRENT FILING DATE: 2001-11-16  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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 PRIOR APPLICATION NUMBER: 60/091978

PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 2; Length 673;  
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 61 ENGITMDAGSFAGLPGIQLDLDSQNOJASLPSGVFOPLANLSNLDLTANRLHEITNTEF 120  
 121 RGLRLERLYGKXRIKRIOTGADPTDLRLLEKLDONELRALPPLRLPRLLLDLSHNS 180  
 121 RGLRLERLYGKXRIKRIOTGADPTDLRLLEKLDONELRALPPLRLPRLLLDLSHNS 180  
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 181 LLALEPGILDMANVEALRLAGLGOQLEGLFSRLRLNLDHDSVNOQLERYPPVIRGLRG 240  
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RESULT 3  
 US-09-990-444-52  
 Sequence 52, Application US/09990444  
 Patent No. 6930170  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnovers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Auecin U.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
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APPLICANT: Paoni, Nicholas F.  
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APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C19  
CURRENT FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: US/09/990,444  
PRIOR FILING DATE: 1997-06-16  
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PRIOR FILING DATE: 1998-06-24



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; PRIOR FILING DATE: 1998-07-07
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Query Match 100.0%; Score 3520; DB 2; Length 673;
Best Local Similarity: 100.0%; Pred. No. 7.3e-249;
Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 181 LLALPGLLDITANVVALRAGLQDLDEGLPSRLRNLDLVDVSNQLEVPVIRGLRG 240
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DB 241 LTRRLAAGNTRIAQRPEDLAGLALQELDVSNLSLQALPGDLSGLPRLRLAARNF 300
QY 301 NCVCGLSPFGKVRSSHTTILASPEETRCFPFKXNAGRLLELDYADFGCPATTTATVPT 360
DB 301 NCVCGLSPFGKVRSSHTTILASPEETRCFPFKXNAGRLLELDYADFGCPATTTATVPT 360
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DB 361 TRPVREPTALSSSLAFTWLSPTAPATEAPSPSTAPPTVGPVPODCPSTCLNGTC 420

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DB 421 HLGTRHNLACLCPEGFTGLYCESQMGOTRPSPTVTPRPPSLTLGIEPVSTSLRVGL 480
QY 481 QRYLOGSSVQLRSLTLTRNLSGPDRLVTLRLPALSLEYTTOURPNATYSVCWPLCP 540
DB 481 QRYLOGSSVQLRSLTLTRNLSGPDRLVTLRLPALSLEYTTOURPNATYSVCWPLCP 540
QY 541 GVPGEBAAGBAHPVAVSHNAPVTOAREGNLPLIAPALAAVLLAALVGAAYCVR 600
DB 541 GVPGEBAAGBAHPVAVSHNAPVTOAREGNLPLIAPALAAVLLAALVGAAYCVR 600
QY 601 RGRAMAAAADKQGVGPGAGPLEBGVVPLEPGPKATEGGGALPSGSECEVPLMGFP 660
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RESULT 4
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; Sequence 52, Application US/09997333
; Patent No. 6953836
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zhenli
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C27
; CURRENT APPLICATION NUMBER: US/09/997,333
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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PRIOR FILING DATE: 1998-07-09

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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2548PICI
; CURRENT APPLICATION NUMBER: US/09/866,028
; CURRENT FILING DATE: 2001-05-25
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 69
; LENGTH: 598
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-09-866-028-69

Query Match      87.6%; Score 3083.5; DB 2; Length 598;
Best Local Similarity 88.7%; Pred. No. 4,8e-217;
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; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kljavin, Ivar
; APPLICANT: Napier, Mary
; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
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; PRIOR FILING DATE: December 3, 1997
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APPLICANT: Tuma, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P2548P1  
CURRENT FILING DATE: 2001-09-26  
CURRENT FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: 09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
PRIOR FILING DATE: December 3, 1997  
PRIOR APPLICATION NUMBER: 60/069,334  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,335  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,278  
PRIOR FILING DATE: December 11, 1997  
PRIOR APPLICATION NUMBER: 60/069,425  
PRIOR FILING DATE: December 12, 1997  
PRIOR APPLICATION NUMBER: 60/069,696  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,694  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,702  
PRIOR FILING DATE: December 16, 1997  
PRIOR APPLICATION NUMBER: 60/069,870  
PRIOR FILING DATE: December 17, 1997  
PRIOR APPLICATION NUMBER: 60/069,873  
PRIOR FILING DATE: December 17, 1997  
PRIOR APPLICATION NUMBER: 60/068,017  
PRIOR FILING DATE: December 18, 1997  
PRIOR APPLICATION NUMBER: 60/070,440  
PRIOR FILING DATE: January 5, 1998  
PRIOR APPLICATION NUMBER: 60/074,086  
PRIOR FILING DATE: February 9, 1998  
PRIOR APPLICATION NUMBER: 60/074,092  
PRIOR FILING DATE: February 9, 1998  
PRIOR APPLICATION NUMBER: 60/075,945  
PRIOR FILING DATE: February 25, 1998  
PRIOR APPLICATION NUMBER: 60/112,850  
PRIOR FILING DATE: December 16, 1998  
PRIOR APPLICATION NUMBER: 60/113,296  
PRIOR FILING DATE: December 22, 1998  
PRIOR APPLICATION NUMBER: 60/146,222  
PRIOR FILING DATE: July 28, 1999  
PRIOR APPLICATION NUMBER: PCT/US98/19330  
PRIOR FILING DATE: September 16, 1998  
PRIOR APPLICATION NUMBER: PCT/US98/25108  
PRIOR FILING DATE: December 1, 1998  
PRIOR APPLICATION NUMBER: 09/216,021  
PRIOR FILING DATE: December 16, 1998  
PRIOR APPLICATION NUMBER: 09/218,517  
PRIOR FILING DATE: December 22, 1998  
PRIOR APPLICATION NUMBER: 09/254,311  
PRIOR FILING DATE: March 3, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: June 22, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: September 15, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28409  
PRIOR FILING DATE: No. 690893ember 30, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: No. 690893ember 30, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/28301  
PRIOR FILING DATE: December 1, 1999  
PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: December 16, 1999  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: February 11, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: February 22, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: March 2, 2000

PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: March 30, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: May 22, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/20710  
PRIOR FILING DATE: July 28, 2000  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: December 1, 2000  
PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: February 28, 2001  
NUMBER OF SEQ ID NOS: 120  
SEQ ID NO: 69  
LENGTH: 598  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-945-584-69  
Query Match 87.6% Score 3083.5; DB 2; Length 598;  
Best Local Similarity 88.7%; Pred. No. 4.8e-217;  
Matches 597; Conservative 0; Mismatches 1; Indels 75; Gaps 1;  
QY 1 MCSRVPLLPPLLLALAGPVQGGSCGCSQPOTVFCTARQGTTPRDPVPTGLVYF 60  
DB 1 MCSRVPLLPPLLLALAGPVQGGSCGCSQPOTVFCTARQGTTPRDPVPTGLVYF 60  
QY 61 ENGITMLDAGSPAGLPGIQLLDLSQNOJASLPSCVGFOPLANLSINDLTANRLHEITNETF 120  
DB 61 ENGITMLDAGSPAGLPGIQLLDLSQNOJASLPSCVGFOPLANLSINDLTANRLHEITNETF 120  
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DB 121 RGLRLRLVYIGKRIIRIOPGAFDTLDRLLBLKQDNELRALPRLRLLLDLSHNS 180  
QY 91 -----LRLPLLLDLSHNS 105  
DB 91 -----LRLPLLLDLSHNS 105  
QY 181 LLAEPGLIDTANYEALRLAGLGLQQLDEGLFSRLRLHDDVDSDNQLEKRVPIRGIRG 240  
DB 106 LLAEPGLIDTANYEALRLAGLGLQQLDEGLFSRLRLHDDVDSDNQLEKRVPIRGIRG 165  
QY 241 LTRRLAAGNTIAQLRPEDLAGLAALQELDVSNLSLOLPCDDLSGLFPRLLAAARNPF 300  
DB 166 LTRRLAAGNTIAQLRPEDLAGLAALQELDVSNLSLOLPCDDLSGLFPRLLAAARNPF 225  
QY 301 NCVCPLSWFGPMVRESHTLASPESTRCHFPKXNAGRLLELDYADFQCPATTTTATVPT 360  
DB 226 NCVCPLSWFGPMVRESHTLASPESTRCHFPKXNAGRLLELDYADFQCPATTTTATVPT 285  
QY 361 TRPVVREPTALSSSLAFTWLSPTAPATEAPSPSTAPPTVGPVQPODCPSTCLNGTIC 420  
DB 286 TRPVVREPTALSSSLAFTWLSPTAPATEAPSPSTAPPTVGPVQPODCPSTCLNGTIC 345  
QY 421 HLGRHHLACICPFGTGLYESQMGCTRSPTVPRPRSLITLGIETPVSPTSLRGL 480  
DB 346 HLGRHHLACICPFGTGLYESQMGCTRSPTVPRPRSLITLGIETPVSPTSLRGL 405  
QY 481 QRYTQSSVOLRSRLTFRNLSGPKRLVTLRLPASLAETVLTOLRPNATVSCVMPGLP 540  
DB 406 QRYTQSSVOLRSRLTFRNLSGPKRLVTLRLPASLAETVLTOLRPNATVSCVMPGLP 465  
QY 541 GRVDEGEACGEAHTPPAVHSNHPVTOAREGNTPLTIAPLAVALAALAVGANYCVR 600  
DB 466 GRVDEGEACGEAHTPPAVHSNHPVTOAREGNTPLTIAPLAVALAALAVGANYCVR 525  
QY 601 RGRMAAAAOQKGVQVPAAGLELVGVKVPLEBPXKTEGGGELPSSGECEVPLMGFPG 660  
DB 526 RGRMAAAAOQKGVQVPAAGLELVGVKVPLEBPXKTEGGGELPSSGECEVPLMGFPG 585  
QY 661 PGLQSPPLAKPYI 673  
DB 586 PGLQSPPLAKPYI 598  
RESULT 9  
US-09-944-944-69  
Sequence 69, Application US/09944944



Patent No. 6929947  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin  
 APPLICANT: Botstein, David  
 APPLICANT: Eaton, Dan  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gerlstein, Mary  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul  
 APPLICANT: Grimaldi, Christopher  
 APPLICANT: Gueney, Austin  
 APPLICANT: Hillan, Kenneth  
 APPLICANT: Kijavins, Ivar  
 APPLICANT: Napier, Mary  
 APPLICANT: Roy, Margaret  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Wood, William  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P2548P1  
 CURRENT APPLICATION NUMBER: US/09/944,944  
 PRIOR FILING DATE: 2001-09-26  
 PRIOR APPLICATION NUMBER: 09/866,028  
 PRIOR FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: 60/067,411  
 PRIOR FILING DATE: December 3, 1997  
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 PRIOR APPLICATION NUMBER: 60/069,278  
 PRIOR FILING DATE: December 11, 1997  
 PRIOR APPLICATION NUMBER: 60/069,425  
 PRIOR FILING DATE: December 12, 1997  
 PRIOR APPLICATION NUMBER: 60/069,966  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,694  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,702  
 PRIOR FILING DATE: December 16, 1997  
 PRIOR APPLICATION NUMBER: 60/069,870  
 PRIOR FILING DATE: December 17, 1997  
 PRIOR APPLICATION NUMBER: 60/069,873  
 PRIOR FILING DATE: December 17, 1997  
 PRIOR APPLICATION NUMBER: 60/068,017  
 PRIOR FILING DATE: December 18, 1997  
 PRIOR APPLICATION NUMBER: 60/070,440  
 PRIOR FILING DATE: January 5, 1998  
 PRIOR APPLICATION NUMBER: 60/074,086  
 PRIOR FILING DATE: February 9, 1998  
 PRIOR APPLICATION NUMBER: 60/074,092  
 PRIOR FILING DATE: February 9, 1998  
 PRIOR APPLICATION NUMBER: 60/075,945  
 PRIOR FILING DATE: February 25, 1998  
 PRIOR APPLICATION NUMBER: 60/112,850  
 PRIOR FILING DATE: December 16, 1998  
 PRIOR APPLICATION NUMBER: 60/113,296  
 PRIOR FILING DATE: December 22, 1998  
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 PRIOR FILING DATE: July 28, 1999  
 PRIOR APPLICATION NUMBER: PCT/US98/19330  
 PRIOR FILING DATE: September 16, 1998  
 PRIOR APPLICATION NUMBER: PCT/US98/25108  
 PRIOR FILING DATE: December 1, 1998  
 PRIOR APPLICATION NUMBER: 09/216,021  
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 PRIOR APPLICATION NUMBER: 09/218,517  
 PRIOR FILING DATE: December 22, 1998  
 PRIOR APPLICATION NUMBER: 09/254,311  
 PRIOR FILING DATE: March 3, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/12252  
 PRIOR FILING DATE: June 22, 1999

PRIOR APPLICATION NUMBER: PCT/US99/21090  
 PRIOR FILING DATE: September 15, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28409  
 PRIOR FILING DATE: No. 6929947ember 30, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28313  
 PRIOR FILING DATE: No. 6929947ember 30, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/28301  
 PRIOR FILING DATE: December 1, 1999  
 PRIOR APPLICATION NUMBER: PCT/US99/30095  
 PRIOR FILING DATE: December 16, 1999  
 PRIOR APPLICATION NUMBER: PCT/US00/03565  
 PRIOR FILING DATE: February 11, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/04414  
 PRIOR FILING DATE: February 22, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/05841  
 PRIOR FILING DATE: March 2, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/08439  
 PRIOR FILING DATE: March 30, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/14042  
 PRIOR FILING DATE: May 22, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/20710  
 PRIOR FILING DATE: July 28, 2000  
 PRIOR APPLICATION NUMBER: PCT/US00/32678  
 PRIOR FILING DATE: December 1, 2000  
 PRIOR APPLICATION NUMBER: PCT/US01/06520  
 NUMBER OF SEQ ID NOS: 120  
 SEQ ID NO 69  
 LENGTH: 598  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 US-09-944-944-69

Query Match 87.6%; Score 3083.5; DB 2; Length 598;  
 Best Local Similarity 88.7%; Pred. No. 4.8e-217;  
 Matches 597; Conservative 0; Mismatches 1; Indels 75; Gaps 1;

1 MCSRVPLLLPLLLLLAGPGVQCGSCGCGCQCFOTVETANQCTTVPDPVGVLYVF 60  
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 91 -----LRLPLLLDLSHNS 105  
 181 LLALPGLDPTANVBAHLAAGLQDLDEGLFSLRLNHLHDVSDNOLERVPTVRLGRLG 240  
 106 LLALPGLDPTANVBAHLAAGLQDLDEGLFSLRLNHLHDVSDNOLERVPTVRLGRLG 165  
 241 LTRRLAGNTRIAOLRPEDLAGLAOLDLVSNLSLOALPDLGLFRLRLAARNPF 300  
 166 LTRRLAGNTRIAOLRPEDLAGLAOLDLVSNLSLOALPDLGLFRLRLAARNPF 225  
 301 NCVCPLSNFGPWNRESHTLASPESTRCHPPKXAGRLLELDVADFCGPAITTTATVPT 360  
 226 NCVCPLSNFGPWNRESHTLASPESTRCHPPKXAGRLLELDVADFCGPAITTTATVPT 285  
 361 TRPVVREPTALSSSLAIPWLSPTAPATBAPSPPTAPVGPVPOPOCPSTCLNGGTC 420  
 286 TRPVVREPTALSSSLAIPWLSPTAPATBAPSPPTAPVGPVPOPOCPSTCLNGGTC 345  
 421 HLGTGHLHACCPGSGFTLYCESQWGGTRSPPTVTPRPRSLTLGIEPVSPSLAVGL 480  
 346 HLGTGHLHACCPGSGFTLYCESQWGGTRSPPTVTPRPRSLTLGIEPVSPSLAVGL 405  
 481 ORYLOGSSVOLRLSLTYRNLSGDPKRLVTLRLASLAELYVTQLRPAATVSCVMPGLP 540  
 406 ORYLOGSSVOLRLSLTYRNLSGDPKRLVTLRLASLAELYVTQLRPAATVSCVMPGLP 465

QY 541 GRVPEGEERCGEANTPPAVHSNAPYTOAREGNLPILIPALAAVILAAVGAAYCVR 600  
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DB 466 GRVPEGEERCGEANTPPAVHSNAPYTOAREGNLPILIPALAAVILAAVGAAYCVR 525  
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QY 601 RGRMAAAADODGQVPGAGPLELEGVKTPLBPPAPATGEGEPALPSGSECEVPLMGFPG 660  
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DB 536 RGRMAAAADODGQVPGAGPLELEGVKTPLBPPAPATGEGEPALPSGSECEVPLMGFPG 585  
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QY 661 PGLQSPPLHAKPYI 673  
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DB 586 PGLQSPPLHAKPYI 598  
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RESULT 10  
US-09-945-587-69  
Sequence 69, Application US/09945587  
Patent No. 6936254  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin  
APPLICANT: Botstein, David  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Flvaroff, Ellen  
APPLICANT: Gerlsma, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, Christopher  
APPLICANT: Gurney, Austin  
APPLICANT: Hillan, Kenneth  
APPLICANT: Kljavin, Ivar  
APPLICANT: Napier, Mary  
APPLICANT: Roy, Margaret  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME  
FILE REFERENCE: P2548P1C1  
CURRENT APPLICATION NUMBER: US/09/945,587  
PRIOR FILING DATE: 2001-09-26  
PRIOR APPLICATION NUMBER: 09/866,028  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: 60/067,411  
PRIOR FILING DATE: December 3, 1997  
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PRIOR APPLICATION NUMBER: 60/074,086  
PRIOR FILING DATE: February 9, 1998  
PRIOR APPLICATION NUMBER: 60/074,092  
PRIOR FILING DATE: February 9, 1998  
PRIOR APPLICATION NUMBER: 60/075,945  
PRIOR FILING DATE: February 25, 1998  
PRIOR APPLICATION NUMBER: 60/112,850  
PRIOR FILING DATE: December 16, 1998

QY PRIOR APPLICATION NUMBER: 60/113,296  
PRIOR FILING DATE: December 22, 1998  
DB PRIOR APPLICATION NUMBER: 60/146,222  
PRIOR FILING DATE: July 28, 1999  
QY PRIOR APPLICATION NUMBER: PCT/US98/19330  
PRIOR FILING DATE: September 16, 1998  
DB PRIOR APPLICATION NUMBER: PCT/US98/25108  
PRIOR FILING DATE: December 1, 1998  
QY PRIOR APPLICATION NUMBER: 09/216,021  
PRIOR FILING DATE: December 16, 1998  
DB PRIOR APPLICATION NUMBER: 09/218,517  
PRIOR FILING DATE: December 22, 1998  
QY PRIOR APPLICATION NUMBER: 09/254,311  
PRIOR FILING DATE: March 3, 1999  
DB PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: June 22, 1999  
QY PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: September 15, 1999  
DB PRIOR APPLICATION NUMBER: PCT/US99/28409  
PRIOR FILING DATE: No. 6936254ember 30, 1999  
QY PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: No. 6936254ember 30, 1999  
DB PRIOR APPLICATION NUMBER: PCT/US99/28301  
PRIOR FILING DATE: December 1, 1999  
QY PRIOR APPLICATION NUMBER: PCT/US99/30095  
PRIOR FILING DATE: December 16, 1999  
DB PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: February 11, 2000  
QY PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: February 22, 2000  
DB PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: March 2, 2000  
QY PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: March 30, 2000  
DB PRIOR APPLICATION NUMBER: PCT/US00/14042  
PRIOR FILING DATE: May 22, 2000  
QY PRIOR APPLICATION NUMBER: PCT/US00/20710  
PRIOR FILING DATE: July 28, 2000  
DB PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: December 1, 2000  
QY PRIOR APPLICATION NUMBER: PCT/US01/06520  
PRIOR FILING DATE: February 28, 2001  
DB NUMBER OF SEQ ID NOS: 120  
SEQ ID NO 69  
LENGTH: 598  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-09-945-587-69  
Query Match 87.6%; Score 3083.5; DB 2; Length 598;  
Best Local Similarity 88.7%; Pred. No. 4.8e-217;  
Matches 597; Conservative 0; Mismatches 1; Indels 75; Gaps 1;  
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DB 1 MCSRVPLLPPLLLLLALGPGVQSGCQSCQSPQTVCTARQGTTPRDPVPTVGLVVF 60  
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QY 61 ENGITMDAGSFAGIPGLQLLDLSQNOITASIPSGVFOPLANLSNLDITANRLHETNETF 120  
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DB 61 ENGITMDAGSFAGIPGLQLLDLSQNOITASIPSGVFOPLANLSNLDITANRLHETNETF 120  
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QY 121 RGLARLERLYGKRIRIHIOGAFDTLDRLLLEKLQDNELRALPPLRLLLDLSHNS 180  
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DB 91 -----LRLRLLLDLSHNS 105  
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QY 181 LLALEPGILDTANVEALRAGLGLQQLDEGLFSRLRLHLDDVSDNQLERVPVIRGLRG 240  
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DB 106 LLALEPGILDTANVEALRAGLGLQQLDEGLFSRLRLHLDDVSDNQLERVPVIRGLRG 165  
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QY 241 LTRRLAAGTRIAQRLPBDLAAGLALQELDVSNLSLQALPDDLSGLPRLRLAAARNPF 300  
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DB 166 LTRRLAAGTRIAQRLPBDLAAGLALQELDVSNLSLQALPDDLSGLPRLRLAAARNPF 225  
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QY 171 LLLDLSH-NSLLAEFGILD-TANVEALRLAGLQOOLDEGLFSRLRLHLDVSDNOL 228  
 DB 173 LMRDLGELKLEYISEGAFEGFLFKYINLGMKCNKOMPN--LTPVLGELEEMSGNF 230  
 QY 229 ERV-PPVIRGLRGLTRRLRAGNTRIAQLRPEDLAGLALQOELDVSNLSQALPGDISGLF 287  
 DB 231 PEIRGSGFHGLSLKGLWVM-NSQVSLIRNAFDGLASIVELANLNNLSLPHD---LF 286  
 QY 288 PRLRLAAA---RNPNCVCPISWFPVRESHVTLASPEETRCHFPKNAQRLLIEDY 344  
 DB 287 TPLRLVLEHLHNPWNCDDILMLAWMLRE-YIPTNSTCCGCHAPMGRGRYVEVDQ 345  
 QY 345 ADGCPATTTATVPTTRPVREPRALSSSLAP-----TWLSPTAPA-TEAPSP 392  
 DB 346 ASFOCSA-----PFINDAPRDNLISGRMAELKCRTPMSSVKMLPNGTVLSHASN 398  
 QY 393 PSTAPPTVGPVPOP-----QDCPSTC-----LNGCTCHLGRHHLACLPE 434  
 DB 399 PRISVLNDGTLNFSHVLSDGTGVTGCTNVAAGNSNAYLNGSTALNTSNY----- 451  
 QY 435 GFTGLYCESQMGQCTRPSPPTVP--RPRSLTLGIEPVSPTSRLVGLQRYLQSSVOLR 492  
 DB 432 ---SFTTGTGETTEISPEDTRKYPPTSTGYQPAYTSTVLIO----- 496  
 QY 493 SLRLTYRNLSDPKRLVTLRLPASLAETVTVQLRPNATYSVCMPLGPRVPEGEEACGE 552  
 DB 497 -----TRVVKQVA-----VPAID----- 510  
 QY 553 AHTPRAVSHNAPVTOAREGNLPLIAPALAAVLAAVGAAYCVR--GRAMAAA 609  
 DB 511 --TTDKMOTSLDEWVKTK-----IIGCFVAVTLIAAAMLIVFYKLRKHQORSTVTA 563  
 QY 610 QDKGVGPAGFLEGVKVPLEPGPKATGEGGELPBG 648  
 DB 564 R-----TVEIIQVD-EDIPAATSAATAAPSG 589

RESULT 13  
 US-09-991-053-10  
 ; Sequence 10, Application US/09991053  
 ; Patent No. 6942992  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkete, Richard A.  
 ; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES ENCODING HUMAN SLIT-  
 ; TITLE OF INVENTION: MEGF- AND ROUNDABOUT-LIKE POLYPEPTIDES  
 ; FILE REFERENCE: 15966-540 CON S-10  
 ; CURRENT FILING DATE: 2001-11-21  
 ; PRIOR APPLICATION NUMBER: USSN 60/123,667  
 ; PRIOR FILING DATE: 1999-03-09  
 ; PRIOR APPLICATION NUMBER: 09/520,781  
 ; PRIOR FILING DATE: 2000-03-08  
 ; NUMBER OF SEQ ID NOS: 81  
 ; SOFTWARE: Patent Ver. 2.1  
 ; SEQ ID NO 10  
 ; LENGTH: 653  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-991-053-10

Query Match 11.7%; Score 411.5; DB 2; Length 653;  
 Best Local Similarity 25.0%; Pred. No. 9, 1e-22;  
 Matches 175; Conservative 90; Mismatches 251; Indels 183; Gaps 26;

QY 7 LLLPILL-----LALGPGVGCPSGCGCS-QPOTVFTARAGTVPADVPD 53  
 DB 17 ILPPVYITLAQWIIICAAIAAASAGPQNCPSVCSNFSKRVCTRRRLSEVPGQITPBN 76  
 QY 54 TVGLVVFENGITMLDAGSPAGLPGIQLDLSONQIASLPSGVFOPLANLSNLDLTANRLH 113  
 DB 77 TRYIATMERNNTQMIQADTFRHLHLEVLQGRNSIRQIEVGAFNGIASLSTLELPDMWLT 136

QY 114 EITNTEPGLRLRLERLYLQKRIIRHIOGAFPTDLRLLEKLQDNELRALPEL---RLPR 170  
 DB 137 VIPS-----GAFEYLSKRLRLMRNPNIESIPSAFNRKVP 172  
 QY 171 LLLDLSH-NSLLAEFGILD-TANVEALRLAGLQOOLDEGLFSRLRLHLDVSDNOL 228  
 DB 173 LMRDLGELKLEYISEGAFEGFLFKYINLGMKCNKOMPN--LTPVLGELEEMSGNF 230  
 QY 229 ERV-PPVIRGLRGLTRRLRAGNTRIAQLRPEDLAGLALQOELDVSNLSQALPGDISGLF 287  
 DB 231 PEIRGSGFHGLSLKGLWVM-NSQVSLIRNAFDGLASIVELANLNNLSLPHD---LF 286  
 QY 288 PRLRLAAA---RNPNCVCPISWFPVRESHVTLASPEETRCHFPKNAQRLLIEDY 344  
 DB 287 TPLRLVLEHLHNPWNCDDILMLAWMLRE-YIPTNSTCCGCHAPMGRGRYVEVDQ 345  
 QY 345 ADGCPATTTATVPTTRPVREPRALSSSLAP-----TWLSPTAPA-TEAPSP 392  
 DB 346 ASFOCSA-----PFINDAPRDNLISGRMAELKCRTPMSSVKMLPNGTVLSHASN 398  
 QY 393 PSTAPPTVGPVPOP-----QDCPSTC-----LNGCTCHLGRHHLACLPE 434  
 DB 399 PRISVLNDGTLNFSHVLSDGTGVTGCTNVAAGNSNAYLNGSTALNTSNY----- 451  
 QY 435 GFTGLYCESQMGQCTRPSPPTVP--RPRSLTLGIEPVSPTSRLVGLQRYLQSSVOLR 492  
 DB 432 ---SFTTGTGETTEISPEDTRKYPPTSTGYQPAYTSTVLIO----- 496  
 QY 493 SLRLTYRNLSDPKRLVTLRLPASLAETVTVQLRPNATYSVCMPLGPRVPEGEEACGE 552  
 DB 497 -----TRVVKQVA-----VPAID----- 510  
 QY 553 AHTPRAVSHNAPVTOAREGNLPLIAPALAAVLAAVGAAYCVR--GRAMAAA 609  
 DB 511 --TTDKMOTSLDEWVKTK-----IIGCFVAVTLIAAAMLIVFYKLRKHQORSTVTA 563  
 QY 610 QDKGVGPAGFLEGVKVPLEPGPKATGEGGELPBG 648  
 DB 564 R-----TVEIIQVD-EDIPAATSAATAAPSG 589

RESULT 14  
 US-09-520-781-12  
 ; Sequence 12, Application US/09520781  
 ; Patent No. 6689866  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Shimkete, Richard A.  
 ; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY  
 ; FILE REFERENCE: 15966-540 NO. 6689866 Polynucleotides  
 ; CURRENT FILING DATE: 2000-03-08  
 ; PRIOR APPLICATION NUMBER: USSN 60/123,667  
 ; PRIOR FILING DATE: 1999-03-09  
 ; NUMBER OF SEQ ID NOS: 81  
 ; SOFTWARE: Patent Ver. 2.0  
 ; SEQ ID NO 12  
 ; LENGTH: 590  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-520-781-12

Query Match 11.6%; Score 407.5; DB 2; Length 590;  
 Best Local Similarity 27.6%; Pred. No. 1, 6e-21;  
 Matches 146; Conservative 73; Mismatches 207; Indels 103; Gaps 19;

QY 7 LLLPILL-----LALGPGVGCPSGCGCS-QPOTVFTARAGTVPADVPD 53  
 DB 17 ILPPVYITLAQWIIICAAIAAASAGPQNCPSVCSNFSKRVCTRRRLSEVPGQITPBN 76  
 QY 54 TVGLVVFENGITMLDAGSPAGLPGIQLDLSONQIASLPSGVFOPLANLSNLDLTANRLH 113  
 DB 77 TRYIATMERNNTQMIQADTFRHLHLEVLQGRNSIRQIEVGAFNGIASLSTLELPDMWLT 136

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Oy 114 BITNTPFGRLRRELUYLKGNRIH1QOPAFDLDLLEKJODNEKAPPL---RLPR 170
Db 137 VIPS-----GAFELSLKRLRELNANNPTESTPSYAFNRVPS 172
Oy 171 LLLLDLSH-NSLLALEPGILD-TANVEALRLAGLGLOODEGFSRLRLHLDVSDNOL 228
Db 173 LMRDLDELKLEIYISSEGAPEGFLNKLINTGCMNKIDMKN-LTFLVGLLEELESGNHF 230
Oy 229 ERV-PPVIRGLGLRLRLAGNTRIQOLAPEDLAGLALOELEDSNLSLOALEGDSGLF 287
Db 231 PEIRGSGFHLGSLSLKLMWV-NSQVGLIERNAFDGLASIVELMLANNLSSLHD---LF 286
Oy 288 PRLRLA---RNPNCCYCSLWFGPMWRSHVTLASPEETRCHFPKPKAGLLELDY 344
Db 287 TPLRLVELHLHHPNPNCCODILMLAMLERE-YIPLNSTCCGCHAPMHRKGLYLVBDQ 345
Oy 345 ADFGCPATTTATVPTRPVREPTALSSSLAP-----TWLSPTAPA-TEAPSP 392
Db 346 ASFGSA-----PRIMAPARDLNISEGMAELKCRTPMSSVKKLLPFGVILSHASRH 398
Oy 393 PSTAPPTGVQVPQ-----QDCPSTC-----LNGTGLHGRHHLACPE 434
Db 399 PRISVLNDGTLNFSHILSDTGYVTCMGTVVAGNSNASAYLNSTEALNTSNY----- 451
Oy 435 GFTGLYCESQMGQTRPSPTVPTR--RPRSLTLGIEPSPSLARGLQ 481
Db 452 ---SPFTTGTEETELISPEDTRKKKAPPTSTGQAPAYVSTTILIQ 496

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RESULT 15  
US-09-957-187-12

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1  GENERAL INFORMATION:
2  APPLICANT: Shimketa, Richard A.
3  APPLICANT: Larochealle, William
4  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND PROTEINS ENCODED THEREBY
5  FILE REFERENCE: 15966-540 CIP
6  CURRENT APPLICATION NUMBER: US/09/957,187
7  CURRENT FILING DATE: 2000-09-19
8  PRIOR APPLICATION NUMBER: 60/123,667
9  PRIOR FILING DATE: 1999-03-09
10 PRIOR APPLICATION NUMBER: 09/520,781
11 PRIOR FILING DATE: 2000-03-03
12 PRIOR APPLICATION NUMBER: 60/234,082
13 PRIOR FILING DATE: 2000-09-20
14 PRIOR APPLICATION NUMBER: 60/233,798
15 PRIOR FILING DATE: 2000-09-19
16 PRIOR APPLICATION NUMBER: 60/174,485
17 PRIOR FILING DATE: 2000-01-04
18 NUMBER OF SEQ ID NOS: 85
19 SOFTWARE: PatentIn Ver. 2.1
20 SEQ ID NO 12
21 LENGTH: 590
22 TYPE: PRT
23 ORGANISM: Homo sapiens
24 US-09-957-187-12

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Query Match	11.6%;	Score 407.5;	DB 2;	Length 530;
Best Local Similarity	27.6%;	Pred. No. 1.6e-21;		
Matches 146;	Conservative	73;	Mismatches 207;	Indels 103;
				Gaps 19

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QY      7 LLLPLLLL-----LALGGVGVGCGPSCGCCS--QPCTVFCAARGGTVPFVDPPD    53
       :|::|:-
Db      17 ILIPFPVYLTAQWILCALAALAASGPQCPCVCSCSNQFSKVTCTRGSLSSVPQGISFN    76
QY      54 TVGLYVFENGITMMLAGSPAGLPGLQLDLSONQIASLPSGYVPGFLANISNLDLANHLL    113
       :|::|:-
Db      77 TRYLLMKENNTOMIQADTFRHLAHLEVLQGNKSIRIQIIVAGFNGLASISTIEFLPDNWLT    136
QY      114 EITNETFGRLRLERLYLGKNRIIRHQPGAPDTLRLLLEKLQDNELRALPLP---RLRP    170
       :|::|:-
Db      137 VIPS-----GAFYLSKLRLRYRNPNPIBSIPEYAARFVDS    172
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QY      17  LLLLSH-NSLLAEPGLD-TAVVALRLAAGLQOLDGELRSRLNLDIVSNQL 238
      18  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      173 LMLDDGLKCLEIYISEGAFEGELPRFLKXINLGMCNIXOMPR--LTPLVGEELMSGNH 230
      19  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY      229 ERV-PRVINGRLGRLRLAAGNTRIAQRPEDLAGLALQELDVSNLSLOAPEDLSGLF 287
      20  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      231 PETRPSFGLSLSKKLWM-NSQVSLERNAFGGLASVLELNHNHNSLPLD--LF 266
      21  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY      288 PRLLALAA--RNPEVCPLSMFPGVWRESHYLASPEETRCHFPKXAGRLLELDY 344
      22  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      287 TPLRYLVELLHNPNCCDILMLAMWLRE-YIPMTSTCGRCHAPRMGRGLYVVDQ 345
      23  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY      345 ADGCGCATTTTATVPTTRPVAREPALLSSSLAP-----TWLSPTAPA-TEAPSP 352
      24  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      346 ASRQCA-----PRIMADPRDLNISGRMAELKCTRPMSVXKMLPNGTVLSHNSRH 358
      25  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY      393 PSTAPPTVGVPDP--ODCPSTC-----LNGGTCHLGRHHLACLCP 434
      26  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      399 PRISVANDGTLNFSHYLSDTGVTYCMGTNNVAGNSNAGAYLNGSTAEALNTSNY----- 451
      27  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY      435 GFPGLYCESMGQGTSPPTVP--RPRSLTLGIEVSPSTSLRVGQ 481
      28  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db      452 ----SPTTGTGTEIISPDTRKKYKVPPTISGICQAPYTTSTVLIQ 496
      29  : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

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Search completed: February 16, 2006, 23:13:24  
Job time : 29 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 16, 2006, 23:13:04 / Search time 76 Seconds  
(without alignments)  
3699.989 Million cell updates/sec

Title: US-10-063-599-16

Perfect score: 3520

Sequence: 1 MCSRVPLLLPLLLALGPG.....PLMGFPGLQSLHAKPYI 673

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database: Published Applications AA Main:\*

- 1: /cgn2\_6/prodata/1/pubppaa/US07\_PUBCOMB.pep:\*
- 2: /cgn2\_6/prodata/1/pubppaa/US08\_PUBCOMB.pep:\*
- 3: /cgn2\_6/prodata/1/pubppaa/US09\_PUBCOMB.pep:\*
- 4: /cgn2\_6/prodata/1/pubppaa/US10a\_PUBCOMB.pep:\*
- 5: /cgn2\_6/prodata/1/pubppaa/US10b\_PUBCOMB.pep:\*
- 6: /cgn2\_6/prodata/1/pubppaa/US11\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	3520	100.0	673	US-09-989-722-52	Sequence 52, Appl
2	3520	100.0	673	US-09-782-980-59	Sequence 59, Appl
3	3520	100.0	673	US-09-989-723-52	Sequence 52, Appl
4	3520	100.0	673	US-09-989-727-52	Sequence 52, Appl
5	3520	100.0	673	US-09-989-731-52	Sequence 52, Appl
6	3520	100.0	673	US-09-989-731-52	Sequence 52, Appl
7	3520	100.0	673	US-09-989-732-52	Sequence 52, Appl
8	3520	100.0	673	US-09-991-073-52	Sequence 52, Appl
9	3520	100.0	673	US-09-980-442-52	Sequence 52, Appl
10	3520	100.0	673	US-09-991-163-52	Sequence 52, Appl
11	3520	100.0	673	US-09-993-604-52	Sequence 52, Appl
12	3520	100.0	673	US-09-990-456-52	Sequence 52, Appl
13	3520	100.0	673	US-09-989-721-52	Sequence 52, Appl
14	3520	100.0	673	US-09-992-598-52	Sequence 52, Appl
15	3520	100.0	673	US-09-989-293-52	Sequence 52, Appl
16	3520	100.0	673	US-09-989-735-52	Sequence 52, Appl
17	3520	100.0	673	US-09-990-444-52	Sequence 52, Appl
18	3520	100.0	673	US-09-991-181-52	Sequence 52, Appl
19	3520	100.0	673	US-09-989-730-52	Sequence 52, Appl
20	3520	100.0	673	US-09-990-436-52	Sequence 52, Appl
21	3520	100.0	673	US-09-993-687-52	Sequence 52, Appl
22	3520	100.0	673	US-09-989-734-52	Sequence 52, Appl
23	3520	100.0	673	US-09-997-653-52	Sequence 52, Appl
24	3520	100.0	673	US-09-989-724-52	Sequence 52, Appl
25	3520	100.0	673	US-09-989-728-52	Sequence 52, Appl
26	3520	100.0	673	US-09-990-441-52	Sequence 52, Appl
27	3520	100.0	673	US-09-993-667-52	Sequence 52, Appl

## ALIGNMENTS

28	3520	100.0	673	US-09-997-428-52	Sequence 52, Appl
29	3520	100.0	673	US-09-997-666-52	Sequence 52, Appl
30	3520	100.0	673	US-09-990-438-52	Sequence 52, Appl
31	3520	100.0	673	US-09-990-562-52	Sequence 52, Appl
32	3520	100.0	673	US-09-990-711-52	Sequence 52, Appl
33	3520	100.0	673	US-09-989-726-52	Sequence 52, Appl
34	3520	100.0	673	US-09-998-156-52	Sequence 52, Appl
35	3520	100.0	673	US-09-990-437-52	Sequence 52, Appl
36	3520	100.0	673	US-09-991-157-52	Sequence 52, Appl
37	3520	100.0	673	US-09-997-514-52	Sequence 52, Appl
38	3520	100.0	673	US-09-997-573-52	Sequence 52, Appl
39	3520	100.0	673	US-09-991-172-52	Sequence 52, Appl
40	3520	100.0	673	US-09-990-726-52	Sequence 52, Appl
41	3520	100.0	673	US-09-997-559-52	Sequence 52, Appl
42	3520	100.0	673	US-09-997-601-52	Sequence 52, Appl
43	3520	100.0	673	US-09-990-443-52	Sequence 52, Appl
44	3520	100.0	673	US-09-991-854-52	Sequence 52, Appl
45	3520	100.0	673	US-09-997-628-52	Sequence 52, Appl

RESULT 1  
US-09-989-722-52  
Sequence 52, Application US/09989722.  
Patent No. US20020072067A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlisen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, V. Christopher  
APPLICANT: Gueney, Auelin L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730PIC63  
CURRENT APPLICATION NUMBER: US/09/989,722  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28

PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089653
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089801
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/089907
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PRIOR APPLICATION NUMBER:	60/089908
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PRIOR FILING DATE:	1998-07-02
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PRIOR FILING DATE:	1998-07-01
PRIOR APPLICATION NUMBER:	60/091519
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091626
PRIOR FILING DATE:	1998-07-02
PRIOR APPLICATION NUMBER:	60/091633
PRIOR FILING DATE:	1998-07-02



; PRIOR APPLICATION NUMBER: 60/091578  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091882  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match	100.0%	Score 3530; DB 3	Length 673;
Best Local Similarity	100.0%	Pred. No. 8e-220;	
Matches 673; Conservative	0;	Mismatches 0;	Indels 0; Gaps 0

Qy	1	MCSRVEPLLPLLLLLALGGVGGCGCGCCGCPQVFCFARQSTVPDVPDVGJYVF	60
Db	1	MCSRVEPLLPLLLLLALGGVGGCGCGCCGCPQVFCFARQSTVPDVPDVGJYVF	60
Qy	61	ENGIITMLDNGSPGLPGLQLLDLSQNIASLPSGVPOPANISNLDLTANLHEITMETP	120
Db	61	ENGIITMLDNGSPGLPGLQLLDLSQNIASLPSGVPOPANISNLDLTANLHEITMETP	120
Qy	121	RGRLRELRLYLGNRRIRHIOPGAFPTLDLRLLEKIQDNELRALPELRPLRLLLDLISHNS	180
Db	121	RGRLRELRLYLGNRRIRHIOPGAFPTLDLRLLEKIQDNELRALPELRPLRLLLDLISHNS	180
Qy	181	LIALBEGILDTANVEALRLAGLGOQLDBGLFSRLRNLDLSDNOJLERVPVIKILRG	240
Db	181	LIALBEGILDTANVEALRLAGLGOQLDBGLFSRLRNLDLSDNOJLERVPVIKILRG	240
Qy	241	LTRLRLAAGNTRINQARPEDLAAGLALOEIDVNSLSLOALPGDLSGLPRLRLTLAAANPF	300
Db	241	LTRLRLAAGNTRINQARPEDLAAGLALOEIDVNSLSLOALPGDLSGLPRLRLTLAAANPF	300
Qy	301	NCVCPILSWFPGWVRESHVTLASPEETRCFPPKMGARLLLELDYADFCCPAITTTATVPT	360
Db	301	NCVCPILSWFPGWVRESHVTLASPEETRCFPPKMGARLLLELDYADFCCPAITTTATVPT	360
Qy	361	TRVVRREPTRLSSSLAPWLSPPAPATTEAPSPAPAPTVGGVPPQDPCPSTCLNGSTC	420
Db	361	TRVVRREPTRLSSSLAPWLSPPAPATTEAPSPAPAPTVGGVPPQDPCPSTCLNGSTC	420
Qy	421	HLCTRHLHACLCEPGETGLYCSOSMGQGRPSPPTVTRPRPSRLTLGIEPVSPTSLRVGL	480
Db	421	HLCTRHLHACLCEPGETGLYCSOSMGQGRPSPPTVTRPRPSRLTLGIEPVSPTSLRVGL	480
Qy	481	QRYLQSSSVQLRSRLTLRYNLSGPDRLVTLRLPASLAEYVTOQLRPNATYSVCVMPLGP	540
Db	481	QRYLQSSSVQLRSRLTLRYNLSGPDRLVTLRLPASLAEYVTOQLRPNATYSVCVMPLGP	540
Qy	541	GRVPEGEACGEAHTPPAVHSNHAPTYQAREGNLPLILAPALAAVTLAAALAAVGAAYCVR	600
Db	541	GRVPEGEACGEAHTPPAVHSNHAPTYQAREGNLPLILAPALAAVTLAAALAAVGAAYCVR	600
Qy	601	RGRAAAAAADKQVPGAGAPLEBEGVNVLEPGEKATEGGGALPSSGECVPLMGPPG	660
Db	601	RGRAAAAAADKQVPGAGAPLEBEGVNVLEPGEKATEGGGALPSSGECVPLMGPPG	660
Qy	661	PGIQLPLHAKPYI 673	
Db	661	PGIQLPLHAKPYI 673	

RESULT 2  
US-09-782-980-59  
; Sequence 59, Application US/09782980  
; Patent No. US20020072089A1

APPLICANT: Khodadoust, Mehran M.  
APPLICANT: Macbeth, Kyle J.  
APPLICANT: Busfield, Samantha J  
APPLICANT: McCarthy, Sean A.  
APPLICANT: Holzman, Douglas A.  
APPLICANT: Gu, Wei  
APPLICANT: White, David  
APPLICANT: Pan, Yang

```

1  TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIPE, TRASH, BDSF, LRSG, AND
2  TITLE OF INVENTION: STWEL PROTEIN AND NUCLEIC ACID MOLECULES AND USES
3  TITLE OF INVENTION: THEREFOR
4  FILE REFERENCE: NMI-121CP
5  CURRENT APPLICATION NUMBER: US/09/782,980
6  CURRENT FILING DATE: 2001-02-13
7  PRIOR APPLICATION NUMBER: PCT/US00/02125
8  PRIOR FILING DATE: 2000-01-27
9  PRIOR APPLICATION NUMBER: 09/448,076
10 PRIOR FILING DATE: 1999-11-23
11 PRIOR APPLICATION NUMBER: 09/276,400
12 PRIOR FILING DATE: 1999-03-25
13 PRIOR APPLICATION NUMBER: 60/117,580
14 PRIOR FILING DATE: 1999-01-27
15 PRIOR APPLICATION NUMBER: 09/014,195
16 PRIOR FILING DATE: 1998-01-27/014,348
17 PRIOR APPLICATION NUMBER: 09/014,348
18 PRIOR FILING DATE: 1998-01-27
19 PRIOR APPLICATION NUMBER: 09/086,892
20 PRIOR FILING DATE: 1998-05-29
21 PRIOR APPLICATION NUMBER: 09/296,268
22 PRIOR FILING DATE: 1999-04-21
23 PRIOR APPLICATION NUMBER: 09/063,950
24 PRIOR FILING DATE: 1998-04-21
25 PRIOR APPLICATION NUMBER: 09/561,381
26 PRIOR FILING DATE: 2000-04-28
27 PRIOR APPLICATION NUMBER: 09/561,810
28 PRIOR FILING DATE: 2000-04-28
29 PRIOR APPLICATION NUMBER: 09/087,121
30 PRIOR FILING DATE: 1998-05-29
31 PRIOR APPLICATION NUMBER: 09/672,721
32 PRIOR FILING DATE: 2000-09-28
33 PRIOR APPLICATION NUMBER: 09/049,799
34 PRIOR FILING DATE: 1998-03-27
35 NUMBER OF SEQ ID NOS: 176
36 SOFTWARE: PatentIn Ver. 2.0
37 SEQ ID NO: 59
38 LENGTH: 673
39 TYPE: PRT
40 ORGANISM: Homo sapiens
41 US-09-782-980-59

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Query Match	100.0%	Score 3520	DB 3	Length 673
Best Local Similarity	100.0%	Prod. No. 8e-220		
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DB	1	MCSSVPLLLPLLLLLALGPVGCGPSGCGCSQPOTVFCTAAGTTPVPRDVPDVTGLYVF	60	
QY	61	ENGTTMDAGSFAGLPGQLQLDLSNQIASLPSGVFOELALNSLDTLANLHEITNETF	120	
DB	61	ENGTTMDAGSFAGLPGQLQLDLSNQIASLPSGVFOELALNSLDTLANLHEITNETF	120	
QY	121	RGRLRLERYLGGKRIRIHIOGAFEDTDLRLLEKLVONELRALPPLRLPRLLLDLSHNS	180	
DB	121	RGRLRLERYLGGKRIRIHIOGAFEDTDLRLLEKLVONELRALPPLRLPRLLLDLSHNS	180	
QY	181	LLALEPGILTPANYBALRLAGLGLQQLDDEGLFSRLNLNHDLDVSDNQLEKRPVYIRGLRG	240	
DB	181	LLALEPGILTPANYBALRLAGLGLQQLDDEGLFSRLNLNHDLDVSDNQLEKRPVYIRGLRG	240	
QY	241	LTRLRLAGNTTIAOLRPEDLAGLALQELDVSNLSLQALPGDLGCLPRLRLAARNP	300	
DB	241	LTRLRLAGNTTIAOLRPEDLAGLALQELDVSNLSLQALPGDLGCLPRLRLAARNP	300	
QY	301	NCVCPPLSNFGVWVESHVTLASPESTRCHFPKNAAGRIILLELDYADPGCPATTTTATVPT	360	
DB	301	NCVCPPLSNFGVWVESHVTLASPESTRCHFPKNAAGRIILLELDYADPGCPATTTTATVPT	360	
QY	361	TRPVVREPTALSSSLAPTWLSPTPAPABASPSTAPVTVPVQPODCCPSTCLANGGTC	420	
DB	361	TRPVVREPTALSSSLAPTWLSPTPAPABASPSTAPVTVPVQPODCCPSTCLANGGTC	420	

QY 421 HLGTRHHLCLCPREGTGLYCSEOMGQTRPSPPTVTPRPPRSITGIEVPSPTSLRVGL 480  
DB 421 HLGTRHHLCLCPREGTGLYCSEOMGQTRPSPPTVTPRPPRSITGIEVPSPTSLRVGL 480  
QY 481 QRYLOGSSVQLBSRLTYRNLSGPDRLVTLRLPASLAETVTLQLRPNATYSVCVMPDGP 540  
DB 481 QRYLOGSSVQLBSRLTYRNLSGPDRLVTLRLPASLAETVTLQLRPNATYSVCVMPDGP 540  
QY 541 GAVPEEEKCGEHTPPRAVHSHNAPVTOAREGTLPLTIPALAAVTLAAALAAVAAVCR 600  
DB 541 GAVPEEEKCGEHTPPRAVHSHNAPVTOAREGTLPLTIPALAAVTLAAALAAVAAVCR 600  
QY 601 RGRMAAAADKQGVPGAGPLEEGVKVPLEBPGPATEGCGEALPDSGSECEVPLMGPPG 660  
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Patent No. US20020072092A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan L.  
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APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P27301C62  
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CURRENT FILING DATE: 2001-11-19  
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/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/092182
/ PRIOR FILING DATE: 1998-07-09

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Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB      1 MCSRVPLLLPLLLALAGVQGCPSGCGSQOPOTVFCTAROGTTVPDPVDTGLVVF 60
QY      61 ENGITMLDAGSFAGLPGQLDLDSQNOJASLPSGVFOPLANLSNLDLTANRLHEITNETF 120
DB      61 ENGITMLDAGSFAGLPGQLDLDSQNOJASLPSGVFOPLANLSNLDLTANRLHEITNETF 120
QY      121 RGLRLERLYGKRRIRHIOGAPDTLDRLLEKLQONELRALPPLRLPRLLLDLSHNS 180
DB      121 RGLRLERLYGKRRIRHIOGAPDTLDRLLEKLQONELRALPPLRLPRLLLDLSHNS 180
QY      181 LLALBPGITDANTYALRLAGLQOLDEGLFSRLRNLDHDSVNOQLERVVPVIRGARG 240
DB      181 LLALBPGITDANTYALRLAGLQOLDEGLFSRLRNLDHDSVNOQLERVVPVIRGARG 240
QY      241 LTRRLAGNTRIAOLRPEDLAGLALQELDVSNLSLQALPGDLSGLFPRLRLAARNPF 300
DB      241 LTRRLAGNTRIAOLRPEDLAGLALQELDVSNLSLQALPGDLSGLFPRLRLAARNPF 300
QY      301 NCVCPLSWFGWVRESHYTLASPBETRCHEFPKXNAGRLLELDVADPCCPATTTTATVPT 360
DB      301 NCVCPLSWFGWVRESHYTLASPBETRCHEFPKXNAGRLLELDVADPCCPATTTTATVPT 360
QY      361 TRPVVREPTALSSSLAFTWLSPTAPATAPSPSTAPVTPVQPODCCPSTCLNGSTC 420
DB      361 TRPVVREPTALSSSLAFTWLSPTAPATAPSPSTAPVTPVQPODCCPSTCLNGSTC 420
QY      421 HLGTRHMLACLCPBFGTGLYCESQMGQTRDPSPTVTPRPRSLTLGIEPVSPISLRVGL 480
DB      421 HLGTRHMLACLCPBFGTGLYCESQMGQTRDPSPTVTPRPRSLTLGIEPVSPISLRVGL 480
QY      481 QRYIQQSSVQRLRLTLTRNLSGPDKLVTLRLPASLAELYVTQLRPATTSVCMWPGP 540
DB      481 QRYIQQSSVQRLRLTLTRNLSGPDKLVTLRLPASLAELYVTQLRPATTSVCMWPGP 540
QY      541 GRVPEGEACGEALTTPPAVSHNAPVTOAREGNLPLLIAPALAAVLLAALAAVGAAYCVR 600
DB      541 GRVPEGEACGEALTTPPAVSHNAPVTOAREGNLPLLIAPALAAVLLAALAAVGAAYCVR 600
QY      601 RGRMAAAAADKQGVGPAGPLALEGVKPLEPGPKATEGGGEALPSGSECEVPLMGTPG 660
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QY      661 PGLQSPHLAKPYI 673
DB      661 PGLQSPHLAKPYI 673

RESULT 4
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/ Patent No. US20020072496A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi J.
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Deenoyers, Luc
/ APPLICANT: Batou, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.

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APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Auecin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730PIC56  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: 60/049787  
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Qy	61	ENGITMDAGSPAGLPGIQLDLDSNQIASLPSSGVFOPLANISNLDLTANRIHEITTNETF	120			
Dd	61	ENGITMDAGSPAGLPGIQLDLDSNQIASLPSSGVFOPLANISNDLTANRIHEITTNETF	120			
Qy	121	RGLRLELYIGKRRIRHIOGPAFTTDRLLLEKIQDNHEALRPRLRPLRLILDLSHNS	180			
Dd	121	RGLRLELYIGKRRIRHIOGPAFTTDRLLLEKIQDNHEALRPRLRPLRLILDLSHNS	180			
Qy	181	LTLAEPGLDPANVEALRLAGLGLOQLDEGLFSRLRNTHDDVDVSNOLEVRPPVIRGRG	240			
Dd	181	LTLAEPGLDPANVEALRLAGLGLOQLDEGLFSRLRNTHDDVDVSNOLEVRPPVIRGRG	240			
Qy	241	LTRLRLANGTRIQAQLRPEDLAGIALQEIDVSNLSLOALPGDISGLPRLRLILAAARNPF	300			
Dd	241	LTRLRLANGTRIQAQLRPEDLAGIALQEIDVSNLSLOALPGDISGLPRLRLILAAARNPF	300			
Qy	301	NCVCPCLSWFGPWVRESHTLASPESTRCHFPPKNAGRLLILELDVADFSGCAPTTTATVPT	360			
Dd	301	NCVCPCLSWFGPWVRESHTLASPESTRCHFPPKNAGRLLILELDVADFSGCAPTTTATVPT	360			
Qy	361	TRPVREETALSSSLAPTWSTPATATEAPSPSTAPPTVGVPPODCPSGTCLNGTC	420			
Dd	361	TRPVREETALSSSLAPTWSTPATATEAPSPSTAPPTVGVPPODCPSGTCLNGTC	420			

Db 361 TRPVVREPTLA6SSSLAPMTLSTAEATKSPSPSTAPPAVGVGVPOPODOPSPFCILNGGTC 420

QY 421 HLGTNHLNALLCCPBEFTGLGYCESQOGGCRPPTPTVTPRPPBSLTLGIEPVSPSTLRLVG 480

Db 421 HLGTRHHLNALLCCPBEFTGLGYCESQOGGCRPPTPTVTPRPPBSLTLGIEPVSPSTLRLVG 480

QY 481 ORYLQSSSVQLRSLRLTTRTNISGPDKRLVTLRLPASLAEYVYTQLRPNATYSVCNPLGP 540

Db 481 ORYLQSSSVQLRSLRLTTRTNISGPDKRLVTLRLPASLAEYVYTQLRPNATYSVCNPLGP 540

QY 541 GRVPEGEACEAHPRPVAVSHNHAIVYTOAREGNLPLLAIPALAAVLLAALAAVGAAYCYR 600

Db 541 GRVPEGEACEAHPRPVAVSHNHAIVYTOAREGNLPLLAIPALAAVLLAALAAVGAAYCYR 600

QY 601 RGRMAAAAADKQGVGPAGPLLELGVKVPLEPSPKATEGGSEALPSGSECEVPLMGFPQ 660

Db 601 RGRMAAAAADKQGVGPAGPLLELGVKVPLEPSPKATEGGSEALPSGSECEVPLMGFPQ 660

QY 661 PGLQSPFLAKKPYI 673

Db 661 PGLQSPFLAKKPYI 673

RESULT 5  
 US-09-989-727-52  
 ; Sequence 52, Application US/09989727  
 ; Patent No. US20020072497A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Deenoveers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerltsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gunney, Austin L.  
 ; APPLICANT: Kijavlin, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same  
 ; FILE REFERENCE: P2730P1C65  
 ; CURRENT APPLICATION NUMBER: US/09/989, 727  
 ; CURRENT FILING DATE: 2001-11-19  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
 ; PRIOR FILING DATE: 1997-11-12  
 ; PRIOR APPLICATION NUMBER: 60/065311  
 ; PRIOR FILING DATE: 1997-11-13  
 ; PRIOR APPLICATION NUMBER: 60/066770  
 ; PRIOR FILING DATE: 1997-11-24  
 ; PRIOR APPLICATION NUMBER: 60/075945  
 ; PRIOR FILING DATE: 1998-02-25  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/083322  
 ; PRIOR FILING DATE: 1998-04-28



; PRIOR APPLICATION NUMBER: 60/091978  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/091982  
 ; PRIOR FILING DATE: 1998-07-07  
 ; PRIOR APPLICATION NUMBER: 60/092182  
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 3; Length 673;  
 Best Local Similarity 100.0%; Pred. No. 86-220;  
 Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSRPVLLPLLLLLALGPGVCGSCGCCSQPQTVCARQSTTPRDPVPTVGLVYF 60  
 DB 1 MCSRPVLLPLLLLLALGPGVCGSCGCCSQPQTVCARQSTTPRDPVPTVGLVYF 60  
 QY 61 ENGIMTLDAAGFAGLPGQLDLDSQNIASLPSGVQPLANISNLDLTANRLHEITNEF 120  
 DB 61 ENGIMTLDAAGFAGLPGQLDLDSQNIASLPSGVQPLANISNLDLTANRLHEITNEF 120  
 QY 121 RGLRLRLRLYLGNKRI RHIOFGAFDTLDRLLEKLODNEIRALPPLRLPRLLLDLSHNS 180  
 DB 121 RGLRLRLRLYLGNKRI RHIOFGAFDTLDRLLEKLODNEIRALPPLRLPRLLLDLSHNS 180  
 QY 181 LLALPGILDTANVEALRLAGLGLQDLDEGLFSRLNHLHDLDVSDNQLERVPVIRGLNG 240  
 DB 181 LLALPGILDTANVEALRLAGLGLQDLDEGLFSRLNHLHDLDVSDNQLERVPVIRGLNG 240  
 QY 241 LTRRLAGNTRIAQLRPEDLAGLAALQELDVNSLSQALPGDLSGLFPRLLRLAAARNF 300  
 DB 241 LTRRLAGNTRIAQLRPEDLAGLAALQELDVNSLSQALPGDLSGLFPRLLRLAAARNF 300  
 QY 301 NCVCPLSNFGPVRRESHTVLASPEETRCHFPKRNAGRLLELDYADFGCPATTTATVTF 360  
 DB 301 NCVCPLSNFGPVRRESHTVLASPEETRCHFPKRNAGRLLELDYADFGCPATTTATVTF 360  
 QY 361 TRPVREPTALSSSLAPTWLSPAPATEASPPSTAPTVGPVPQDQCPSTCLNGGTC 420  
 DB 361 TRPVREPTALSSSLAPTWLSPAPATEASPPSTAPTVGPVPQDQCPSTCLNGGTC 420  
 QY 421 HLGTNHLALCLCPBEFTGLYCSEOMQGTSPPTVPPTPRPSLTGLIEPVSPSLRVL 480  
 DB 421 HLGTNHLALCLCPBEFTGLYCSEOMQGTSPPTVPPTPRPSLTGLIEPVSPSLRVL 480  
 QY 481 QRYLOGSSVQLRSLKLTYNLSGPDRLVTLKLPASLAVTTTQLRPNATYSCVWPLDP 540  
 DB 481 QRYLOGSSVQLRSLKLTYNLSGPDRLVTLKLPASLAVTTTQLRPNATYSCVWPLDP 540  
 QY 541 GRVPEGEACGSAHTPPAVSHNAPYTOARREGNLPILLIPALAAVLLAAVGAAYCYR 600  
 DB 541 GRVPEGEACGSAHTPPAVSHNAPYTOARREGNLPILLIPALAAVLLAAVGAAYCYR 600  
 QY 601 RGRMAAAAQDKGVQPGAGLELEGVKYLEPGRKATEGGEALPSGSECEVPLMGFG 660  
 DB 601 RGRMAAAAQDKGVQPGAGLELEGVKYLEPGRKATEGGEALPSGSECEVPLMGFG 660  
 QY 661 PGLQSPHLAKPYI 673  
 DB 661 PGLQSPHLAKPYI 673

RESULT 6  
 ; Sequence 52, Application US/09989731

; Patent No. US20020103125A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi J.  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan L.  
 ; APPLICANT: Ferrara, Napoleone  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerltsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gueney, Auecin L.  
 ; APPLICANT: Klavins, Ivar J.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tamas, Daniel  
 ; APPLICANT: Williams, Colin K.  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2730P1C70  
 ; CURRENT APPLICATION NUMBER: US/09/989,731  
 ; PRIOR FILING DATE: 2001-11-20  
 ; PRIOR APPLICATION NUMBER: 60/049787  
 ; PRIOR FILING DATE: 1997-06-16  
 ; PRIOR APPLICATION NUMBER: 60/062250  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/065186  
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 ; PRIOR FILING DATE: 1998-06-05



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 PRIOR APPLICATION NUMBER: 60/091633  
 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 3; Length 673;  
 Bect Local Similarity 100.0%; Pred. No. 8e-220;  
 Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MCSRVPILLLPILLLAAGPGVQCGSCGCGSQPQTVECTARQGTTPRDVPPDTVGLVVF 60  
 1 MCSRVPILLLPILLLAAGPGVQCGSCGCGSQPQTVECTARQGTTPRDVPPDTVGLVVF 60  
 61 ENGITMDAGSFAGLPGQLDLDSQNOIASLPSGVFQPLANTSNLDTANRLHEITNETF 120  
 61 ENGITMDAGSFAGLPGQLDLDSQNOIASLPSGVFQPLANTSNLDTANRLHEITNETF 120  
 121 RGLRRLERLYGKRRIRHIOGAFDTDLRLLEKLQDNELRALPLRLPRLLLDLSNS 180  
 121 RGLRRLERLYGKRRIRHIOGAFDTDLRLLEKLQDNELRALPLRLPRLLLDLSNS 180  
 121 RGLRRLERLYGKRRIRHIOGAFDTDLRLLEKLQDNELRALPLRLPRLLLDLSNS 180  
 121 RGLRRLERLYGKRRIRHIOGAFDTDLRLLEKLQDNELRALPLRLPRLLLDLSNS 180  
 181 LLALEPGILDTANREBALRAGLGLQOLDEGLFSRLRNLDHDDVDNQLERVPVYRGIRG 240  
 181 LLALEPGILDTANREBALRAGLGLQOLDEGLFSRLRNLDHDDVDNQLERVPVYRGIRG 240  
 181 LLALEPGILDTANREBALRAGLGLQOLDEGLFSRLRNLDHDDVDNQLERVPVYRGIRG 240  
 181 LLALEPGILDTANREBALRAGLGLQOLDEGLFSRLRNLDHDDVDNQLERVPVYRGIRG 240  
 241 LTRRLAGNTRIAOLRPEDLAGLAALQELDVSNLSLOALPGDLISGLFPRRLAARNP 300  
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 301 NCVCPLSFQGWAVRESHYTLASPEETRCHFPKXAGLLELDVADRECCPATTTATVPT 360  
 301 NCVCPLSFQGWAVRESHYTLASPEETRCHFPKXAGLLELDVADRECCPATTTATVPT 360  
 361 TRPVREPTALSSLAFTWLSPTAPATEAPSPSTAPPTVGPVDPQDCCPSTCLNGTIC 420

Db ||||| 420  
Qy ||||| 480  
Db ||||| 480  
Qy ||||| 540  
Db ||||| 540  
Qy ||||| 600  
Db ||||| 600  
Qy ||||| 660  
Db ||||| 660

RESULT 7  
US-09-989-732-52  
Sequence 52, Application US/09989732  
Patent No. US20020123463A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Batton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gunney, Austin L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zhenli  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C57  
CURRENT FILING DATE: 2001-11-19  
PRIOR APPLICATION NUMBER: US/09/989,732  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/075945  
PRIOR FILING DATE: 1998-02-25  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/087607  
PRIOR FILING DATE: 1998-06-02  
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PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/087827  
PRIOR FILING DATE: 1998-06-03  
PRIOR APPLICATION NUMBER: 60/088021  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088025  
PRIOR FILING DATE: 1998-06-04  
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PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09  
 Query Match 100.0%; Score 3520; DB 3; Length 673;  
 Best local similarity 100.0%; Pred. No. 8e-220;  
 Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MCSRVPLLLPLLLLLALGPGVQCGPSCGCGSQPQTVCTAROGTTVPDVPDVTGLVVF 60  
 DB 1 MCSRVPLLLPLLLLLALGPGVQCGPSCGCGSQPQTVCTAROGTTVPDVPDVTGLVVF 60  
 QY 61 ENGITMLDAGSFAGLPGLQLDLSONQIASPSGVPOPLNLSNLDLTANLHEITNETF 120  
 DB 61 ENGITMLDAGSFAGLPGLQLDLSONQIASPSGVPOPLNLSNLDLTANLHEITNETF 120  
 QY 121 RGLRLRLRYLGNRIHIOGAFDTLRLLELKLQNEULRALPPLRLPRLLLDLSHNS 180  
 DB 121 RGLRLRLRYLGNRIHIOGAFDTLRLLELKLQNEULRALPPLRLPRLLLDLSHNS 180  
 QY 181 LLALPGLDTPANVEALRLAGLGLQIDEGFSLRLNLHLDVSDNQLEVPVIRGLRG 240  
 DB 181 LLALPGLDTPANVEALRLAGLGLQIDEGFSLRLNLHLDVSDNQLEVPVIRGLRG 240  
 QY 241 LTRRLAGNTRIAOLRPEDLAGLALLOELDVSNLSLOALPGDLSGLPRLRLAARNPF 300  
 DB 241 LTRRLAGNTRIAOLRPEDLAGLALLOELDVSNLSLOALPGDLSGLPRLRLAARNPF 300  
 QY 301 NCVCPLSWFGPWFVESHVTLASPESTRCHFPKXAGRLLELDYADRCGPAITTTATVPT 360  
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 QY 361 TRPVREPTALSSSLAPMTWSPPTAPTEAPSPSTAPPTGPPVPOPODCPSTCLNGSTC 420  
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 QY 421 HLGTRHHLACCPGPGFTGLYCESOMGQTRSPPTVTPRPRSITLGIPEVPSLRLVGL 480  
 DB 421 HLGTRHHLACCPGPGFTGLYCESOMGQTRSPPTVTPRPRSITLGIPEVPSLRLVGL 480  
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 DB 481 QRYLQSSVQRLSRILTYRNISGPDKRLVTLRLPASLAEYVTVTLRPAATSVCMPLGP 540  
 QY 541 GRVPEGEACGEATTPPAVSHNHAPLYOARREGNPLIIPALAVLLAALAAGAAVCVR 600  
 DB 541 GRVPEGEACGEATTPPAVSHNHAPLYOARREGNPLIIPALAVLLAALAAGAAVCVR 600  
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 DB 661 PGLQSPHLAKPYI 673  
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 US-09-991-073-52  
 Sequence 52, Application US/09991073  
 Patent No. US20020127576A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Eaton, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman

APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C15  
CURRENT APPLICATION NUMBER: US/09/991,073  
PRIOR FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
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 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 3; Length 673;  
 Best Local Similarity 100.0%; Pred. No. 8e-220;  
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QY 1 MCSRVPPLPLPLLLALGPVGGCCSCCSPOTVCTARAGTTVPDPVDTYGLYF 60  
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 DB 61 ENGIMTLADGSPAGLPGQLDLDSNOQLASLPSGVFOPLANISNDLTANRHEITNETF 120  
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 DB 121 RGLRLERLYLGNRIIRHIOGAPFTLDRLLELKLQDNELRALPLRLRRLLLDLSHNS 180  
 QY 181 LLALEPGILDTANVEALRLAGLQGLDBGLFSRLRNLDLVDVSNQLEVRVPVIRGLRG 240  
 DB 181 LLALEPGILDTANVEALRLAGLQGLDBGLFSRLRNLDLVDVSNQLEVRVPVIRGLRG 240  
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 DB 241 LTRRLAGNTRIAOARPEDLAGLALQELDVNSLQALPGDLGSLFPLRLILAAARNP 300  
 QY 301 NCVCPLSNFGPWNRESHTVLAPEETRCHFPKNAGRLLLELDVADFGCPATTTATVPT 360  
 DB 301 NCVCPLSNFGPWNRESHTVLAPEETRCHFPKNAGRLLLELDVADFGCPATTTATVPT 360

QY 361 TRPVREPTALSSSLAFTWLSPTAPATEADSPSTAPPTVGPVQPODCPSTCLNGTIC 420  
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 QY 421 HLGRHLIACLCPEGFGVLVEESOMGGTSPPTPVPRPRSLLTGLIEPSPSLRVL 480  
 DB 421 HLGRHLIACLCPEGFGVLVEESOMGGTSPPTPVPRPRSLLTGLIEPSPSLRVL 480  
 QY 481 QRYLQSSVQLRSRLTYRNLGSPDKLVTLRLPASLAETVTQLRPNAVYSVCVMPG 540  
 DB 481 QRYLQSSVQLRSRLTYRNLGSPDKLVTLRLPASLAETVTQLRPNAVYSVCVMPG 540  
 QY 541 GRVEGEACGEBATPPAVSHNAPVTOAREGNPLIAPLAAVLALAAVGAAYCVR 600  
 DB 541 GRVEGEACGEBATPPAVSHNAPVTOAREGNPLIAPLAAVLALAAVGAAYCVR 600  
 QY 601 RGRMAAAAADKGVGAGAPLELEGVKNPLPEPKATEGGGALPGSSECEVLMGFP 660  
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 QY 661 PGLQSPHLAKPYI 673  
 DB 661 PGLQSPHLAKPYI 673

RESULT 9  
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 Sequence 52, Application US/09990442  
 Patent No. US20020132252A1  
 GENERAL INFORMATION:  
 APPLICANT: Ashkenazi, Avi J.  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Botstein, David  
 APPLICANT: Deanoys, Luc  
 APPLICANT: Eacon, Dan L.  
 APPLICANT: Ferrara, Napoleone  
 APPLICANT: Fong, Sherman  
 APPLICANT: Gerber, Hanspeter  
 APPLICANT: Gerritsen, Mary B.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
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 APPLICANT: Napier, Mary A.  
 APPLICANT: Pan, James  
 APPLICANT: Paoni, Nicholas F.  
 APPLICANT: Roy, Margaret Ann  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumes, Daniel  
 APPLICANT: Watanabe, Colin K.  
 APPLICANT: Williams, P. Mickey  
 APPLICANT: Wood, William I.  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 TITLE OF INVENTION: Acids Encoding the Same  
 FILE REFERENCE: P27301C8  
 CURRENT APPLICATION NUMBER: US/09/990,442  
 PRIOR FILING DATE: 2001-11-14  
 PRIOR APPLICATION NUMBER: 60/049787  
 PRIOR FILING DATE: 1997-06-16  
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 PRIOR FILING DATE: 1998-03-20







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PRIOR FILING DATE: 1998-07-07  
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PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 3; Length 673;  
Beet Local Similarity 100.0%; Pred. No. 8e-220;  
Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSRVPLLLPLLLLLALGPVQGCPSGCGSQPOTVFCTARQGTTPRDPVPPDTVGLYVF 60  
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DB 181 LLALPGILDTANYEALRLAGLGLQOLDEGLFSRLRLHLDLVDSDNQLERVPPVIRGLRG 240  
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DB 421 HLGTRHHLAACLCEPGEFTGLYCSESOQOGRPSPTPTVTPPSPSLNLGIEPVSFTSLRVGL 480  
QY 481 QRYLQSSVQLASRLTYTNLSGPDRLVTLRLPALAEVTVQLSPNATYSVCWPLDLP 540  
DB 481 QRYLQSSVQLASRLTYTNLSGPDRLVTLRLPALAEVTVQLSPNATYSVCWPLDLP 540  
QY 541 GRVPEGEACGEAHTPPAVSHNA PVTQAREGNLPILIALAVALAALAAVGAAYCVR 600  
DB 541 GRVPEGEACGEAHTPPAVSHNA PVTQAREGNLPILIALAVALAALAAVGAAYCVR 600  
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RESULT 11  
US-09-993-604-52  
Sequence 52, Application US/09993604  
Patent No. US20020137075A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferreira, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Grimaldi, Paul J.  
APPLICANT: Guirney, Auelein L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C25  
CURRENT APPLICATION NUMBER: US/09/993,604  
PRIOR FILING DATE: 2001-11-14  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
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APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerltzen, Mary E.  
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APPLICANT: Godowski, Paul J.  
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APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

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Query Match 100.0%; Score 3520; DB 3; Length 673;

Best Local Similarity 100.0%; Pred. No. 8e-220; Indels 0; Gaps 0;

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DB 121 RGLRLRLRYLTKNRIKRIHIOGAFPLDRLLELKLQDNELRALPPLRLPRLLLDLSHS 180
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RESULT 13
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Sequence 52; Application US/09989721
Patent No. US20020142961A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zenlin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C55
CURRENT APPLICATION NUMBER: US/09/989, 721
PRIOR FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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181 LIALPGLIDTANVETALAGLQQLDEGLFSRLRNLDLVDVSDNQLERVVPVIRGLRG 240  
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181 LIALPGLIDTANVETALAGLQQLDEGLFSRLRNLDLVDVSDNQLERVVPVIRGLRG 240  
241 LTRRLAENTRIAGQRPEDLAGIALAGLSDVSNLSQALPQDLISGLFPRRLILAAARPF 300  
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Db 301 NCVCPLSNFGEVWRESHTLTLSPSEETRCHFPKNGRLLELDYADFGCPATTATVFT 360  
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Db 361 TRPVREPTALSSSLAPTWLSPAPATEAAPSPPSTAPPTVGVPOPODCPSTCINGTC 420  
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Db 541 GRVPEGEACGEAHTPPAVSHNAEVTQAREGNLPLLIAPALAAVLAALAAVGAAYCVR 600  
Qy 601 RGRMAAAADQKGVGPAGAPLEEGVAVPLEPFGKATIEGGGALPSGSECEVPLMGFP 660  
Db 601 RGRMAAAADQKGVGPAGAPLEEGVAVPLEPFGKATIEGGGALPSGSECEVPLMGFP 660  
Qy 661 PGLSPLHAKPYI 673  
Db 661 PGLSPLHAKPYI 673

RESULT 15  
US-09-989-293A-52  
Sequence 52, Application US/09989293A  
Patent No. US2002017716A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Batson, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerstein, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2730P1C66  
CURRENT APPLICATION NUMBER: US/09/989,293A  
CURRENT FILING DATE: 2001-11-20  
PRIOR APPLICATION NUMBER: 60/049787  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
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 PRIOR FILING DATE: 1998-07-01  
 PRIOR APPLICATION NUMBER: 60/091519

PRIOR FILING DATE: 1998-07-02  
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 PRIOR FILING DATE: 1998-07-02  
 PRIOR APPLICATION NUMBER: 60/091978  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/091982  
 PRIOR FILING DATE: 1998-07-07  
 PRIOR APPLICATION NUMBER: 60/092182  
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 3520; DB 3; Length 673;  
 Best Local Similarity 100.0%; Pred. No. 8e-220;  
 Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 121 RGLRLRLRYGKRRIRHIOGAFDTLDLLEKLDQNEIRALPRLPRLLLDLSDHNS 180  
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 181 LLALEPGLDPTANVEALRLAGLGLQQLDEGLFSRLRLHDLSDVSDNQLERYVPVIRGLRG 240  
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 241 LTRRLAGNTRIAQRPEDLAGLALOEIDVSNLSLOALRGDLSGLPRLRLAANRP 300  
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 481 QRYIQSSVOLRSRLTYRNLGSPDKRLVTLRLPASLAETVTQLRPNATYSCVMPGLP 540  
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Search completed: February 16, 2006, 23:14:46  
 Job time : 79 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OW protein - protein search, using SW model

Run on: February 16, 2006, 23:13:39 / Search time 11 Seconds  
(without alignments)

869.678 Million cell updates/sec

Title: US-10-063-599-16

Perfect score: 3520  
Sequence: 1 MCSRVPLLLPLLLALGPG.....PLMGPGGLOSPLHAKPYI 673

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 107819 seqs, 14214640 residues

Total number of hits satisfying chosen parameters: 107819

Minimum DB seq length: 0  
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Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database: Published Applications\_AA\_New.\*

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8: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pdb.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	3520	100.0	673	US-10-063-703-16	Sequence 16, Appl
2	3520	100.0	673	US-11-102-240-16	Sequence 16, Appl
3	402.5	11.4	653	US-10-131-826A-438	Sequence 438, App
4	402.5	11.4	653	US-11-135-855-25	Sequence 25, Appl
5	384.5	10.9	660	US-10-131-826A-350	Sequence 350, Appl
6	378	10.7	592	US-11-135-855-24	Sequence 24, Appl
7	372.5	10.6	628	US-10-453-372-548	Sequence 548, App
8	372.5	10.6	628	US-10-453-372-550	Sequence 550, App
9	372.5	10.6	628	US-11-147-047-45	Sequence 45, Appl
10	372.5	10.6	640	US-10-131-826A-368	Sequence 368, Appl
11	369	10.5	1504	US-11-019-711-98	Sequence 98, Appl
12	356.5	10.1	567	US-11-019-711-105	Sequence 105, Appl
13	356.5	10.1	567	US-10-063-703-132	Sequence 132, App
14	354.5	10.1	649	US-11-102-240-112	Sequence 112, Appl
15	352	10.0	674	US-10-131-826A-106	Sequence 106, Appl
16	349.5	9.9	567	US-11-019-711-16	Sequence 16, Appl
17	347	9.9	581	US-11-089-872-1	Sequence 1, Appl
18	344.5	9.8	622	US-10-131-826A-180	Sequence 180, Appl
19	341.5	9.7	708	US-10-131-826A-298	Sequence 298, App
20	334.5	9.5	473	US-10-131-826A-382	Sequence 382, App
21	332.5	9.4	1068	US-10-453-372-1084	Sequence 1084, App
22	332.5	9.4	1068	US-10-453-372-1090	Sequence 1090, App
23	328	9.3	1093	US-10-453-372-1088	Sequence 1088, App
24	319.5	9.1	513	US-10-131-826A-536	Sequence 536, App
25	319.5	9.1	513	US-10-063-703-124	Sequence 124, App

26	319.5	9.1	513	US-11-102-240-124	Sequence 124, App
27	313.5	8.9	771	US-11-147-047-34	Sequence 34, Appl
28	311.5	8.8	1077	US-10-453-372-1086	Sequence 1086, App
29	305.5	8.7	614	US-11-165-576-4	Sequence 4, Appl
30	305	8.7	1119	US-10-131-826A-352	Sequence 352, App
31	304	8.6	716	US-10-131-826A-512	Sequence 512, App
32	304	8.6	716	US-11-147-047-52	Sequence 52, Appl
33	304	8.6	716	US-11-142-867-2	Sequence 2, Appl
34	304	8.6	766	US-11-147-047-27	Sequence 27, Appl
35	301.5	8.6	614	US-11-165-576-2	Sequence 2, Appl
36	301	8.6	344	US-11-055-163-6	Sequence 6, Appl
37	301	8.6	479	US-11-147-047-44	Sequence 44, Appl
38	298.5	8.5	626	US-11-010-748A-1	Sequence 1, Appl
39	295	8.4	606	US-10-624-932-18	Sequence 18, Appl
40	292	8.3	533	US-11-147-047-33	Sequence 33, Appl
41	291.5	8.3	620	US-10-131-826A-324	Sequence 324, App
42	290.5	8.3	310	US-11-055-163-7	Sequence 7, Appl
43	290.5	8.3	948	US-11-241-956-10	Sequence 10, Appl
44	287	8.2	606	US-10-624-932-16	Sequence 16, Appl
45	281	8.0	1005	US-11-080-991-90	Sequence 90, Appl

## ALIGNMENTS

RESULT 1					
US-10-063-703-16					
Sequence 16, Application US/10063703					
Publication No. US2006008901A1					
GENERAL INFORMATION:					
APPLICANT: Eaton, Dan L.					
APPLICANT: Filvaroff, Ellen					
APPLICANT: Gertlisen, Mary E.					
APPLICANT: Goddard, Audrey					
APPLICANT: Godowski, Paul J.					
APPLICANT: Grimaldi, Christopher J.					
APPLICANT: Gurney, Austin L.					
APPLICANT: Macanabe, Colin K.					
APPLICANT: Wood, William I.					
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC					
TITLE OF INVENTION: ACIDS ENCODING THE SAME					
FILE REFERENCE: P3230R1C1					
CURRENT FILING DATE: 2002-05-08					
CURRENT APPLICATION NUMBER: US/10/063,703					
Prior Application removed - See Palm or File Wrapper					
NUMBER OF SEQ ID NOS: 170					
SEQ ID NO 16					
LENGTH: 673					
TYPE: PRT					
ORGANISM: Homo Sapien					
US-10-063-703-16					
Query Match					
Best Local Similarity 100.0%; Pred. No. 5.5e-219;					
Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;					
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QY	61	ENGTMLDAGS	FAGPGIQLDL	SONOIASL	PSGVFOPLANTSNLDLFRANLHEITNETF 120
DB	61	ENGTMLDAGS	FAGPGIQLDL	SONOIASL	PSGVFOPLANTSNLDLFRANLHEITNETF 120
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QY	241	LTRLRLGN	TRIAQLRPED	LGLAALQEL	DVSNLSLQALPGDLGSLPRLRLLAARNPF 300
DB	241	LTRLRLGN	TRIAQLRPED	LGLAALQEL	DVSNLSLQALPGDLGSLPRLRLLAARNPF 300

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Db      241 LRLRLAGNTRIAQRPEDLAGLAALQELDVSNLSQALPGDLSGLFPRRLRLAAARNPF 300
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Db      301 NCVCPLSMFGPWVRESHTVLASPEETRCHFPKNAGRLLLELDYADFGCPATTTATVPT 360
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Db      361 TRPVREPTALSSSLAFTWLSPTAPATAAPSPTAPPTVGPVPODPCPSTCLNGTIC 420
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Db      421 HLGRHHLACLCEBFTGLYCESQMGQGRPSPTVTPRPRSSTLTGIEPVSTSLRVGL 480
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Db      481 QRYLGSSVQLRSRLTYRNLSGPDKRLVTLRLPASLAETVTLQRPNATYSVCWMLCP 540
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## RESULT 2

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US-11-102-240-16
/ Sequence 16, Application US/11102240
/ Publication No. US20050260647A1
/ GENERAL INFORMATION:
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Wood, William L.
/ TITLE OF INVENTION: ANTIBODIES TO POLYPEPTIDES ENCODED BY A NUCLEIC ACID UNDEREXPRESS
/ FILE REFERENCE: P3230R1C106C
/ CURRENT APPLICATION NUMBER: US/11/102,240
/ PRIOR FILING DATE: 2005-04-08
/ PRIOR APPLICATION NUMBER: 10/063662
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 10/006867
/ PRIOR FILING DATE: 2001-12-06
/ PRIOR APPLICATION NUMBER: PCT/US00/23328
/ PRIOR FILING DATE: 2000-08-24
/ PRIOR APPLICATION NUMBER: 60/170262
/ PRIOR FILING DATE: 199-12-09
/ NUMBER OF SEQ ID NOS: 170
/ SEQ ID NO 16
/ LENGTH: 673
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-11-102-240-16

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Query Match      100.0%; Score 3520; DB 7; Length 673;
Best Local Similarity 100.0%; Pred. No. 5,5e-219;
Matches 673; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MCSRVLLLPILLALLAGVQCGPSCGCGSQGTCTACTACCTTVPDVPTVGLVYF 60
Db      1 MCSRVLLLPILLALLAGVQCGPSCGCGSQGTCTACTACCTTVPDVPTVGLVYF 60
Qy      61 ENGITWLDAGSPAGLPGLQGLDLSONQIASLPFGVFOPLANTLNLDTARTARLHEITNEF 120
Db      61 ENGITWLDAGSPAGLPGLQGLDLSONQIASLPFGVFOPLANTLNLDTARTARLHEITNEF 120

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Qy      121 RGLRLRLRYLQKRIIRHIOGAFDPTLRLLELKIQDNELRALPEPLRLPRLLLDLSHNS 180
Db      121 RGLRLRLRYLQKRIIRHIOGAFDPTLRLLELKIQDNELRALPEPLRLPRLLLDLSHNS 180
Qy      181 LLAERGLIDTRANVATLADGLQOQDEGLPSRLRNHDDVSNQOLERVVPVIRGLRG 240
Db      181 LLAERGLIDTRANVATLADGLQOQDEGLPSRLRNHDDVSNQOLERVVPVIRGLRG 240
Qy      241 LTRLRAGNTRIAQRPEDLAGLAALQELDVSNLSQALPGDLSGLFPRRLRLAAARNPF 300
Db      241 LTRLRAGNTRIAQRPEDLAGLAALQELDVSNLSQALPGDLSGLFPRRLRLAAARNPF 300
Qy      301 NCVCPLSMFGPWVRESHTVLASPEETRCHFPKNAGRLLLELDYADFGCPATTTATVPT 360
Db      301 NCVCPLSMFGPWVRESHTVLASPEETRCHFPKNAGRLLLELDYADFGCPATTTATVPT 360
Qy      361 TRPVREPTALSSSLAFTWLSPTAPATAAPSPTAPPTVGPVPODPCPSTCLNGTIC 420
Db      361 TRPVREPTALSSSLAFTWLSPTAPATAAPSPTAPPTVGPVPODPCPSTCLNGTIC 420
Qy      421 HLGRHHLACLCEBFTGLYCESQMGQGRPSPTVTPRPRSSTLTGIEPVSTSLRVGL 480
Db      421 HLGRHHLACLCEBFTGLYCESQMGQGRPSPTVTPRPRSSTLTGIEPVSTSLRVGL 480
Qy      481 QRYLGSSVQLRSRLTYRNLSGPDKRLVTLRLPASLAETVTLQRPNATYSVCWMLCP 540
Db      481 QRYLGSSVQLRSRLTYRNLSGPDKRLVTLRLPASLAETVTLQRPNATYSVCWMLCP 540
Qy      541 GRVPEGEACGEAHTPPAVHSNHA PVTQAREGNTPLILAPALAAVLLAALAAVGAAYCVR 600
Db      541 GRVPEGEACGEAHTPPAVHSNHA PVTQAREGNTPLILAPALAAVLLAALAAVGAAYCVR 600
Qy      601 RGRMAAAAADQKGVGPGAGPLEEGVXVPLEPGPYATGEGGALPSGSECEVPLMGFP 660
Db      601 RGRMAAAAADQKGVGPGAGPLEEGVXVPLEPGPYATGEGGALPSGSECEVPLMGFP 660
Qy      661 PGLQSPFLHAKPYI 673
Db      661 PGLQSPFLHAKPYI 673

```

## RESULT 3

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US-10-131-826A-438
/ Sequence 438, Application US/10131826A
/ Publication No. US20050245730A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C128
/ CURRENT APPLICATION NUMBER: US/10/131,826A
/ PRIOR FILING DATE: 2002-04-24
/ PRIOR APPLICATION NUMBER: 60/049911
/ PRIOR FILING DATE: 1997-06-18
/ PRIOR APPLICATION NUMBER: 60/056974
/ PRIOR FILING DATE: 1997-08-26

```

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/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059115
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059117
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059122
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059184
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059263
/ PRIOR FILING DATE: 1997-09-18
/ PRIOR APPLICATION NUMBER: 60/059352
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 60/059588
/ PRIOR FILING DATE: 1997-09-19
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 438
/ LENGTH: 653
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-131-826A-438

Query Match      11.4%; Score 402.5; DB 6; Length 653;
Best Local Similarity 25.6%; Pred. No. 8.4e-19;
Matches 174; Conservative 96; Mismatches 265; Indels 145; Gaps 26;

QY 7 LLLPILL-----LALGVCSCGCGCCS--QPTVFCARQGTTPRDVDPD 53
DB 17 ILLPVLTAQVWILCAIAAASAGPQNCSPVSCSNFQSKVCTRRGLSEVPGQIPSN 76
QY 54 TVGLVFPENGITMDAGSFAGLPGIQLDLSONQIASLPSGVFOPLANTSLDLTANRLH 113
DB 77 TRYIWMENNQIMQADPFRHLHLEVLQGRNSIROIEVGFNGASLNTLELDNMLT 136
QY 114 EYMETFRGLRLERLYGKRRIRHIOGAPDTLDRLLELYKQDNELRALPL---RLPR 170
DB 137 VIPS-----GAFEYLSKRELMLRNNPISIPSYAENRYPVS 172
QY 171 LLLDLISH-NSILALEPGILD-TANVEALRLAGLGLOQDDEGLFSLRLNHLDDVSDQL 228
DB 173 LMRDLGELKLEIYISBAGFGLFNLKYLNTGMCNICKMPN--LTPVLGLEBLEMSGNH 230
QY 229 ERV-PPVIRGLRGLTRRLAGNTRIAQLRPEDLAGLAALQELDVSNLSQALPGDLSGLF 287
DB 231 PEIRGSGFGLSLKLMWM-NSQVSLIERNAFDGLASIVELNLAHNNLSLPHD---LF 286
QY 288 PRLRLAAA---RNPNCVCPLSWFGPWVRESHVTLASPESTRCHFPKXNAGRLLELDY 344
DB 287 TPLRYLVELHLHNPWNCDDILMAMWLRE-YIPTNSTCCGCHAPMHMRGRYLVEVDQ 345
QY 345 ADPGCAPTTTATVTPTRPVVREPTALSSSLAPMTLSPATAPATAPPTVGP-- 402
DB 346 ASFOCSA-----PFIWDAPRDLNISSEGRNA-----ELKRTTPMSSVKMLDNG 389
QY 403 --VPOPODPCPSTCINGTCHLGRHMLACLCPGFTGLYCESQMGQGTSPPTVTRPR 460
DB 390 TVLSHSHRPRISVINDGT--LNFSHVLL-----SDTGVY----- 422
QY 461 PRSLTGLIEPVSPLSLVGLORYLOGSSVQLRSILTRYNLSGDPKRLVTLRLPASLAEY 520
DB 423 ----TCWNTVNAAGNS--NASAYLNVSTAEIANTSNYSFT-----TVYETTEISPED 468
QY 521 TVTOLRPATVATVSCVMP-----LQPGRVPEGEACGEAHTPPAVSHNAPTQARE 571
DB 469 TTRKRPVPTTSTGQPAYTTSTVYLIOTRVPR-QVAVPATDITDKQOTSLDEVTMKTK 527
QY 572 GNLPLILAPALAAVLAALVGAAYCVR--GMAAAAADKQOVPGAGPLELEGV 628
DB 528 ----IIGCFVAVTLAAAMLIVFYKLRKHQGSTVTAAR-----TVEIILQ 570
QY 629 VPLBGRKATGCGGALPSG 648

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DB 571 VD-EDIPATSAATAAPSG 589.

RESULT 4
US-11-135-855-25
/ Sequence 25, Application US/11135855
/ Publication No. US2005025557A1
/ GENERAL INFORMATION:
/ APPLICANT: SMITHKLINE BEECHAM CORPORATION
/ APPLICANT: SMITHKLINE BEECHAM P.L.C.
/ TITLE OF INVENTION: NOVEL COMPOUNDS
/ FILE REFERENCE: GP50013
/ CURRENT APPLICATION NUMBER: US/11/135,855
/ CURRENT FILING DATE: 2005-05-24
/ PRIOR APPLICATION NUMBER: US/10/203,708
/ PRIOR FILING DATE: 2002-08-13
/ PRIOR APPLICATION NUMBER: PCT/US01/04703
/ PRIOR FILING DATE: 2001-02-14
/ PRIOR APPLICATION NUMBER: 60/182,172
/ PRIOR FILING DATE: 2000-02-14
/ PRIOR APPLICATION NUMBER: 60/186,084
/ PRIOR FILING DATE: 2000-02-29
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: faacseq for windows version 3.0
/ SEQ ID NO 25
/ LENGTH: 653
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-11-135-855-25

Query Match      11.4%; Score 402.5; DB 7; Length 653;
Best Local Similarity 25.6%; Pred. No. 8.4e-19;
Matches 174; Conservative 96; Mismatches 265; Indels 145; Gaps 26;

QY 7 LLLPILL-----LALGVCSCGCGCCS--QPTVFCARQGTTPRDVDPD 53
DB 17 ILLPVLTAQVWILCAIAAASAGPQNCSPVSCSNFQSKVCTRRGLSEVPGQIPSN 76
QY 54 TVGLVFPENGITMDAGSFAGLPGIQLDLSONQIASLPSGVFOPLANTSLDLTANRLH 113
DB 77 TRYIWMENNQIMQADPFRHLHLEVLQGRNSIROIEVGFNGASLNTLELDNMLT 136
QY 114 EYMETFRGLRLERLYGKRRIRHIOGAPDTLDRLLELYKQDNELRALPL---RLPR 170
DB 137 VIPS-----GAFEYLSKRELMLRNNPISIPSYAENRYPVS 172
QY 171 LLLDLISH-NSILALEPGILD-TANVEALRLAGLGLOQDDEGLFSLRLNHLDDVSDQL 228
DB 173 LMRDLGELKLEIYISBAGFGLFNLKYLNTGMCNICKMPN--LTPVLGLEBLEMSGNH 230
QY 229 ERV-PPVIRGLRGLTRRLAGNTRIAQLRPEDLAGLAALQELDVSNLSQALPGDLSGLF 287
DB 231 PEIRGSGFGLSLKLMWM-NSQVSLIERNAFDGLASIVELNLAHNNLSLPHD---LF 286
QY 288 PRLRLAAA---RNPNCVCPLSWFGPWVRESHVTLASPESTRCHFPKXNAGRLLELDY 344
DB 287 TPLRYLVELHLHNPWNCDDILMAMWLRE-YIPTNSTCCGCHAPMHMRGRYLVEVDQ 345
QY 345 ADPGCAPTTTATVTPTRPVVREPTALSSSLAPMTLSPATAPATAPPTVGP-- 402
DB 346 ASFOCSA-----PFIWDAPRDLNISSEGRNA-----ELKRTTPMSSVKMLDNG 389
QY 403 --VPOPODPCPSTCINGTCHLGRHMLACLCPGFTGLYCESQMGQGTSPPTVTRPR 460
DB 390 TVLSHSHRPRISVINDGT--LNFSHVLL-----SDTGVY----- 422
QY 461 PRSLTGLIEPVSPLSLVGLORYLOGSSVQLRSILTRYNLSGDPKRLVTLRLPASLAEY 520
DB 423 ----TCWNTVNAAGNS--NASAYLNVSTAEIANTSNYSFT-----TVYETTEISPED 468
QY 521 TVTOLRPATVATVSCVMP-----LQPGRVPEGEACGEAHTPPAVSHNAPTQARE 571

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Db      469  TTRKXKVPPTSTGQVPATTSPTVLIGTTBVK -QVAVPATDTDMQTSLEBVKTK 527
Oy      572  GNPLPILPALAAVLALAAVGAICYRR---GRMAAAAOQKGVGPAGLELEGVK 628
Db      528  -----IIIGCFVAVTLAAAMLIVFYKLRKRHQQRSTVTAAR-----TWELIQ 570
Oy      629  VPLEPGRATEGCGEALPSG 648
Db      571  VD-EDIPANTSAAATPAAPSG 589

RESULT 5
US-10-131-826A-350
; Sequence 350, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroli, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 350
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Homo Sapien
; OS-10-131-826A-350

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OY 6 DASSPGLGLOLD---LSQOUIASPSGFOPLANSIDLTPANKHITMETFGLR 124
D 77 MAGFRELHNVOSVHTVYLYGQODEFPMPLPK---NRYVLHLOENNIQITSRALAOQL 1233
OY 125 RLRLYLKGNRI--HIOGFAEDTDLRLLEKLODNELRALP--PLRLPRL----- 171V
D 134 KLEBHLNDNDSISTVGEDKAPREAI SKLFLSKNHLSVPGVLPVDLOELRVENRIA 153
OY 172 LLDLSHNSULLEBGIDTANVEALRAGLGLOLDDEGLFSRLNHLDDVSNQIERV 2211
D 194 VSDMAFOMLTSLERLYD--GNL-----DTNKGIA--EGFSTHTKKEPSIVRNSLSHP 245
OY 232 PPIYIRAGTLYRLAGNRIAGQLARBEDLAGLAOLEVNSLSQALPGDISGLPEBRLR 2921
D 246 PDLPGTH-LIKLYLODN-QINHIYLTFSNLRKLERLIDISNODRMLTQGVPRDNLSNK 3030
OY 292 LLAANPNFVCOSPLSWFGWVRESHVTLASPEETHCFPKXAGRLLELDYADFQCPA 3511
D 304 QLRANPNPFCOSIKWJTEMUKYIPSL-NVRGPMCGPQOYGMARELNMMLSCP- 3611
OY 352 TTTTATVPTTRVURVBPRLSSSLAPTWLSPLAPATEAPSPSTAPRTVGVRPOPODCP 4111
D 362 -TTTGLPLFTP-----APST--ASPPTQPPRLS-IPNP----- 391
OY 412 STCLNGTCHLSTGRHHNLACLCEBPTGLYCESOMGOGGRBEPPT-----VT 457
D 392 -----SRST-----TPPTTYSKPLTPIDMDGRVPT 418
OY 458 PRPRSLTIGIEPVAPTSRLVGLQYLOGSSVOLRSRLTLTYRNLSGPKRLVTLRLPAST 517
D 419 PPISEBRLQSLHFVNDTSLQVSWLSLPLVMAVYKLTVMWGMGSLVGG-----IYGRIVSGE 4741
OY 518 AEY-TYTQLRPNATYSVCMPLGPKRVBGEBA-CGBEHLPRP-----VHSNHAIVQ 568
D 475 KOHLSTVNEPSTYRICLVPDAENYAVVEDTTCSEKTYTHASTYLNNGSNTASHEQTTS 534
OY 569 AREGNPLIARPALAVLLAALAAVGAAYC---VRGR 603
D 535 HSMGS--PFLLAGLIGAVTFLVVLVLSVCSNHNKGR 571

```

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RESULT 6
US-11-135-855-24
; Sequence 24, Application US/11135855
; Publication No. US20050255557A1
; GENERAL INFORMATION:
; APPLICANT: SMITHKLINE BEECHAM CORPORATION
; APPLICANT: SMITHKLINE BEECHAM P.L.C.
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GPs0013
; CURRENT APPLICATION NUMBER: US/11/135,855
; CURRENT FILING DATE: 2005-05-24
; PRIOR APPLICATION NUMBER: US/10/203,708
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: PCT/US01/04703
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/182,172
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 60/186,084
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 592
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-135-855-24

Query Match      10.7%; Score 378; DB 7; Length 592;
Best Local Similarity 27.8%; Pred. No. 2.8e-17;
Matches 173; Conservative 57; Mismatches 224; Indels 168; Gaps 24

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QY 2 CSRVLLEPLLELLALGPGVGCSPGCGCS-QPQVFCSTAGQTTVPDVPDVTGELYVF 60
DB 3 CMLCVLSLPLLELLPAPRPAGCCPCAPCECTVQRAVACTRRRLTAVPDGI PAETRLLELS 62
QY 61 ENGIMLDAGSFAGLPGLQLDLSQNOIAS-----LPSGVF 96
DB 63 RRIRICLNPGLAALPALEELDSENAIAHVBGAFANLPRLRVLRGNQKLIPPGVF 122
QY 97 QPLANISNLDLTANRLHEITNETFRGLRRLERLYLGKRIIRHIOGAFDTRLRLLEIKIQ 156
DB 123 TRLDNLTLDDISENKLVIILDDYTFQHLRLREVDNDLVFSRAAFAGLALBELTLE 182
QY 157 D-----NELRALPRLPRLLLDLSHNSILAEPGLD-----TANVEAL 197
DB 183 RGNLTALSGESLGRSLRSLGLRLRLHIAIASLEDQNFRL- PGLHLEIDNWPILLEVAAG 241
QY 188 RLAGLGLOLD-----EGLFSRLNLHLDLVSDNQLEKRPVING-LRGLTRLR- 245
DB 242 SLRGLNLISLSTHTNITAVPAALRHQMLTCLNLSNPISITVP--RGSFRDLVRLKS 298
QY 246 --LAGNTRIAQLRPEDLAGLALQELDVNSLSLOALPGDLSGLFPRRLUAAARPPFCV 303
DB 299 LHLAG-ALLAYVEPQAFGLRQIRLNLNSNNLSLSESTFHSVNTLETLRVDGNPLACD 357
QY 304 CPLSFGEVWRESHTL-----ASPEETR-----CHFP----- 331
DB 358 CRLL-----WIVQRRKTLNFDGRLPACATPAEVRGDAIRMLPDSVLFEEYFVCKRPKIRER 413
QY 332 ----PKNAGRILLELDYADFGCPATTTTATVPTTRVAREPTALSSSLAPTWLSPTAPAT 387
DB 414 LORVATATGEDVRFICRAE-GEPAITVAVTPOHNPV---TATSGARVLPGLTLEIQ 468
QY 388 EAPSPSTAPTVGVPPODPCPSTCL--NGSTCHLGRHMLACLCPBGFTGLYCESQM 445
DB 469 DA-----RPQDSGYTCVASNAG-----GNDTYFATLT----- 496
QY 446 GCGTTPSPRP-VTPRPRESLTIGI--EPVSPFSKLV---GLQRYL----- 484
DB 497 ---VAPPEANMTPEBAHNETLAALRAPIDLITITIVSTAMGCTITGLVVLFCFVLLFWMS 553
QY 485 --QGSSVOLRSRLTYRLNSGP 504
DB 554 RGRGQKKNFSVVEYSFRKYDGP 575

RESULT 7
US-10-453-372-548
; Sequence 548, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:
; APPLICANT: Alisobrook, et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-589 A
; CURRENT APPLICATION NUMBER: US/10/453,372
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185967
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/823187
; PRIOR FILING DATE: 2001-03-29
; PRIOR APPLICATION NUMBER: 60/195792
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 09/839446
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: 60/199476
; PRIOR FILING DATE: 2000-03-25
; PRIOR APPLICATION NUMBER: 09/863776
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: 60/208263
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: 09/939398
; PRIOR FILING DATE: 2001-08-24

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; PRIOR APPLICATION NUMBER: 60/227800
; PRIOR FILING DATE: 2000-08-25
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1609
; SOFTWARE: Cureseqdist version 0.1
; SEQ ID NO: 548
; LENGTH: 628
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-453-372-548

Query Match      10.6%; Score 372.5; DB 6; Length 628;
Best Local Similarity 23.8%; Pred: No. 6.8e-17;
Matches 174; Conservative 54; Mismatches 275; Indels 227; Gaps 24;

QY 8 LLEPLL-LLALPG-----VQCGPSCGCC--SQPQVFCSTAGQTTVPDVPDVTG 55
DB 3 ILPILCLPLAPASPPQASATPSPCRRCQQTQSPLSVLCPGAGLLFVPDSDRBA 62
QY 56 GLVYFENGITMLDAGSFAGLPGLQLDLSQNOIASLPSGVFOPLANISNLDLTANRLHEI 115
DB 63 BLRLADNPIASVRRRDLANMTGLHLTSLSRVYIRHVAAGAFADLRALRLHDGRLTSL 122
QY 116 TNETFRGLRRLERLYLGKRIIRHIOGAFDTRLLE-LKLDNELRALPRLPRL-- 171
DB 123 GBGQLRGLVNLRLILSNOLAALAGALDCAETLELDLSYNNLEQLPHEALGRGNV 182
QY 172 LLLDLSHNSLALBEGILDTANVEALRLAGLGLOLDGFLSRRLNLHLDLVSDNQLEKRV 231
DB 183 NTLGLDHN-LLASVPA-----GARSRLHKLARLDWTSRLTLTI 219
QY 222 PPIVIRGLRLRLRLAGNTRIAQLRPEDLAGLALQELDVNSLSLOALPGDLSGLFPRLR 291
DB 220 PP-----DPLFSRLP 229
QY 292 LLAAR-----NPFNCVPLSWFGPWVRESHTVLAPEETRCHFPKNAGRL 338
DB 230 LLARPGSPALAVIABGNPLHCKNCGLVLRRLAREDL-----BACSPALGGRY 282
QY 339 LLELDYADFGC-PATTTATVPTTRPVVREPTALSSSLA-----FTWLSP----- 382
DB 283 FMAVGBEEFVCEBPVVTTRSPPLAVPAGR-DALRCRAVGPBEPVRVWSFGRLGNSS 341
QY 383 -----TAP-----ATEAPSPSTAPTVGVPPOQ-----DCPST 413
DB 342 RARAFPNGLTLELVTEPDGIFTCIANNAAGETAVALVGPPEPOLANSTCDPPR 401
QY 414 CLNGGCHLGRHMLACLCPBGFTGLYCESQMGQTRSPPTVTPRPRESLTIGIEPSP 473
DB 402 -----DG-----DPAITPPSAASAKAYADGP 425
QY 474 TSLRVGLQRYQSSVOL-----BSLRLTYRLNSGPDRLVTLRLPASLAET 521
DB 426 FTDR-GVQVTEHGAATAALVQWPDRPIRGIMYQIQV--SSADILVYRMIPAESRFL 482
QY 522 VTQLRPNATYVCVMPPL-----GPRVPRGEBAACEAHPRPVHSHNAVTVQARGNLPL 577
DB 483 LTLASGRTYDLCVLAVEDSATGTLATRPVGCARFSTEBRLRPGAHAPFLGTMIIA 542
QY 578 IAPALAAVTLAALAAVGAAYCVRGR-----AMAAAODKGOVPGAGPLELGV 627
DB 543 LGVIVASVLVFIVLMLRVYVHGGQPGKAKIPAPVSVSQNMGALGFPPTP----- 596
QY 628 KVLLEPGKA 637
DB 597 -APPAPPEPA 605

RESULT 8
US-10-453-372-550
; Sequence 550, Application US/10453372
; Publication No. US20060003323A1
; GENERAL INFORMATION:

```

```

APPLICANT: Alsobrook, et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-589 A US/10/453,372
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: 09/789390
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/185967
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: 09/623187
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/195792
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 09/839446
PRIOR FILING DATE: 2001-03-19
PRIOR APPLICATION NUMBER: 60/199476
PRIOR FILING DATE: 2000-03-25
PRIOR APPLICATION NUMBER: 09/863776
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 60/208263
PRIOR FILING DATE: 2000-05-31
PRIOR APPLICATION NUMBER: 09/393938
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/227800
PRIOR FILING DATE: 2000-08-25
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 1609
SOFTWARE: Cnaseqblast version 0.1
SEQ ID NO 550
LENGTH: 628
TYPE: PRT
ORGANISM: Homo sapiens
US-10-453-372-550

Query Match      10.6%; Score 372.5; DB 6; Length 628;
Best Local Similarity 23.8%; Pred. No. 6.8e-17;
Matches 174; Conservative 54; Mismatches 275; Indels 227; Gaps 24;

QY 8 LPLLL-LTALPG-----VQCGPSGQC---SQQTVFCTARQCTTVRDPVPPDV 55
DB 3 ILPLLLCLPLAPASPPSATPSPPCRCRCOTQSLPSVCPGAGLLFVPPSLDRRA 62
QY 56 GLVFNGLTMDAGSFAGLPGLQLDLSQNOIASPSGVFOPPLANLSNLDLTANRLHEI 115
DB 63 ELRLDNFIASVRRDLNMTGLHLSRNTIRHVAAGAFDALRALHLDGKRLTSL 122
QY 116 TNETRGLRLRLRYLGNRIHQGAFDTLDRLLE-LKQDNELRALPRLPRL--- 171
DB 123 GEGQRLGLVNLRLHLSNNQLAALAAAGALDDCAETLEDLDLSYNNLEQLPWEALGRNGV 182
QY 172 LLLDSHNSLLALEPGILDTANVEALRLAGLGQLDDEGLFSRLRLNLDLVDSDQLEEV 231
DB 183 NTLGLDHN-LTASVPA-----GAFSLHKLRLALDMTSNRLTTI 219
QY 222 PVIRGLRLRLRLAGNTRIAQLRPEDLAGLAALOEIDVSNLSQALPGDLSGLFPRLR 291
DB 220 PP-----DPLFSRLP 229
QY 292 LLAABR-----NPNVCVCLSMFGPWVWESHVTLASPEETRCHFPKXAGRL 338
DB 230 LLAARPGASALVLAFGANPLHNCNELWLRLAREDDL-----EACASPRALGGRV 282
QY 339 LLELDYADFGC-PATTTTAVPTTRRVNREPTALSSSLA-----DTWLSP----- 382
DB 283 FMAVGESEFVCEPVPVTHRSPLAVPAGR-PALRLCRAVDPPEPRVWVSPQGRILGNS 341
QY 383 -----TAP-----ATBAPSPPTAPTYGVPPVQPC-----DCPPT 413
DB 342 RARAPNGTLELLVYEPGGGIFTCTAANAAGATAVELTVGPPPPQLANSTSCDPR 401
QY 414 CLNGGTCILGTRHHLACLCPGEGTGLYCSQWOGTRPSPTVTPPPPSLTIGIPEVP 473
DB 402 -----DG-----DPDALTPPSASASAKVADTGP 425

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QY 474 TSLRVGLORYQSGSSVOL-----ESLRLTYRNLISGPKRLVTLRLPASLAET 521
DB 426 PTDR-GVGVTEHKGATALVQWPDRPIPGIMYQIQVN--SSADILVYRMI PAGESRFL 482
QY 522 VTQLRPANNTYVCWML-----GPRGVPEGEAAOCEAHPPRVASHNAVTOARBSNLELL 577
DB 483 LTDLASGRTYDLCTVLAVEDSATGTLATRPVGCARFSTEPALRPGCAHAPPLGGTMTIA 542
QY 578 IAPLAVALAALAAVGAAYCYRRGR-----AMAAAADPKGVPGAGPBLEBGV 627
DB 543 LGGVYASVAVFIFVILRLRYHVGQPPGKAKIPAPSVSSQTNAGALGPPTP----- 596
QY 628 KVPLEPGPKA 637
DB 597 -APPAPBPDA 605

RESULT 9
US-11-147-047-45
Sequence 45, Application US/11147047
Publication No. US20050260668A1
GENERAL INFORMATION:
APPLICANT: Agarwal, Pankaj
APPLICANT: Muzdock, Paul R.
APPLICANT: Rizvi, Safia K.
APPLICANT: Smith, Randall F.
APPLICANT: Xiang, Zhaoying
TITLE OF INVENTION: NOVEL COMPOUNDS
FILE REFERENCE: GPS0016
CURRENT APPLICATION NUMBER: US/11/147,047
CURRENT FILING DATE: 2005-06-07
PRIOR APPLICATION NUMBER: US/10/221,097
PRIOR FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: PCT/US01/07143
PRIOR FILING DATE: 2001-03-05
PRIOR APPLICATION NUMBER: 60/187,107
PRIOR FILING DATE: 2000-03-06
PRIOR APPLICATION NUMBER: 60/236,874
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/188,916
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/237,846
PRIOR FILING DATE: 2000-10-03
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 45
LENGTH: 628
TYPE: PRT
ORGANISM: Homo sapiens
US-11-147-047-45

Query Match      10.6%; Score 372.5; DB 7; Length 628;
Best Local Similarity 23.8%; Pred. No. 6.8e-17;
Matches 174; Conservative 54; Mismatches 275; Indels 227; Gaps 24;

QY 8 LPLLL-LTALPG-----VQCGPSGQC---SQQTVFCTARQCTTVRDPVPPDV 55
DB 3 ILPLLLCLPLAPASPPSATPSPPCRCRCOTQSLPSVCPGAGLLFVPPSLDRRA 62
QY 56 GLVFNGLTMDAGSFAGLPGLQLDLSQNOIASPSGVFOPPLANLSNLDLTANRLHEI 115
DB 63 ELRLDNFIASVRRDLNMTGLHLSRNTIRHVAAGAFDALRALHLDGKRLTSL 122
QY 116 TNETRGLRLRLRYLGNRIHQGAFDTLDRLLE-LKQDNELRALPRLPRL--- 171
DB 123 GEGQRLGLVNLRLHLSNNQLAALAAAGALDDCAETLEDLDLSYNNLEQLPWEALGRNGV 182
QY 172 LLLDSHNSLLALEPGILDTANVEALRLAGLGQLDDEGLFSRLRLNLDLVDSDQLEEV 231
DB 183 NTLGLDHN-LTASVPA-----GAFSLHKLRLALDMTSNRLTTI 219
QY 222 PVIRGLRLRLRLAGNTRIAQLRPEDLAGLAALOEIDVSNLSQALPGDLSGLFPRLR 291

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Db      220 PP-----DPLFSRLP 229
Qy      292 LLAAR-----NPNVCPLSWFPMVESHVTLASPESTRCHPPKXAGRL 338
      230 LLARRPGSPASALVLAFGNPLHNCNELVLRLLAEDDL-----EACASPALGKRY 282
Qy      339 LLELDYADFGC-PATTTTATVPTTRPVVREPTALSSSLA-----PTWLSR 382
      283 FMAVGESEFVCEPPVVTTHRSPLAVBAGR-PALLRCRAVDPPRVRWVSPQGRLLGNSS 341
Qy      383 -----TAP-----ATPASPSTAPPTGPFVYQPO-----DCEPST 413
      342 RARAPNGTLELLVTEFGDGGIFTCTIAANAGATAVELTVGPPPPOLANSTCDPPR 401
Qy      414 CUNGCTCHLGTNRHLACLCEPFTGLYCESOMQGRPSPTPTPRPSLTGLTGPVSP 473
      402 -----DG-----DPAITPSPASASAKVADTGP 425
Qy      474 TSLRVGLQRYLQSSVOL-----RSLRLTYRNLGSPDKLVTLLRLPASLAEST 521
      426 PTDH-GVQTEHGATATLAVQMPDQRPICGIRMYQIYN--SSADILVYRMIPEBSRSL 482
Qy      522 VQQLRNATYSCVWML-----GPRGVBESEACGEAHTPPAVHSNHPVTOAREGVLPL 577
      483 LITDLASGRYDLCVLAIVEDSATGLTATRPVGCARFSTBPALPCGAPRPAFLGTMITA 542
Qy      578 IAPALAAVLLAALAAVGAAYCVRRGR-----AMAAAQDKQVPGAGPLEEGV 627
      543 LGGVIVASLVFIPIVLLMKYKHGQPPKAKIPAVSSVCQTNALGPTTP----- 596
Qy      628 KVLLEPGPKA 637
Db      597 -APPAPEPA 605

```

RESULT 10  
US-10-131-826A-368  
Sequence 368, Application US/10131826A  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerriksen, Mary E.  
APPLICANT: Goddard, Audrey J.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C128  
CURRENT APPLICATION NUMBER: US/10/131, 826A  
CURRENT FILING DATE: 2002-04-24  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17

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/ PRIOR APPLICATION NUMBER: 60/059122
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059184
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/059263
/ PRIOR FILING DATE: 1997-09-18
/ PRIOR APPLICATION NUMBER: 60/059352
/ PRIOR FILING DATE: 1997-09-19
/ PRIOR APPLICATION NUMBER: 60/059588
/ PRIOR FILING DATE: 1997-09-19
/ Remaining Prior Application data removed - See file wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO: 368
/ LENGTH: 640
/ TYPE: PRP
/ ORGANISM: Homo Sapien
US-10-131-826A-368

Query Match      10.6%; Score 372; DB 6; Length 640;
Best Local Similarity 30.1%; Pred. No. 7.4e-17;
Matches 123; Conservative 60; Mismatches 151; Indels 74; Gaps 14;

6 PILLPL-----LLALG-PGVGCGSPGCGCCS-QPOTVFTARQGTVPDPVPPDTVGLYVF 60
25 FLVVLLALQLLVAGLVRAQTCESVCSNQSFVYICVRKRLREVDPGISTNTLLNLH 84
Qy      61 ENGITMLDAGSPAGLPGQLDLSONQIASLPSGVFOPLANISNLDLTANRLHEITNETF 120
      85 ENQIQIKVNSPKRLRHEILQLSRNHIRTEIGAFNGANLNTLELFDNRLLTIPN--- 141
Db      121 RGLRLRLYLGRKIRIRIQGAFPTDLRLLEKLQDELALPL---RLPRLLLDLS 177
      142 -----GAFVYLSKLELMVLRNPIBSIPSYAFNRILPSLRLLDG 180
Qy      178 HNSLLAL--EPGILDTANVEALRLAGLGLQOLDEGLFRLNRLHDLVDSDNQLBRV-PPV 234
      181 ELKRLSYISEGAFBSLRLKRLINLAMCRLREIPN--LPLKLDBLDSGNHLSAIRGCS 238
Qy      235 IRLGLRLRLAGNTRIAQLRPEDLAGLALQELIDVSNLSIALPGSLGFPLRLLA 294
      239 FQGLMHLQKLMWI-QSQIQVIERNAFDPNLQSLVEINLHNNLTLPLPHDLFTPLHLIERIH 297
Qy      295 AARNPNCVCLSWFGPVRVESHVTLASPEST---RCHPPKXAGRLLELDYADFGCP 350
      298 LHNPNMNCDCIWLMSWIKD-----MAPSNVACCARGNTPTNKLGRYTGELDQNYFTCY 352
Db      351 ATTTATVPTTRPVVREPTA-----LSSSL-APTWLSR 382
      353 A-----PVIYVPPALNVTGMAALCKCRAGSTLSVSWITP 389

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RESULT 11  
US-11-019-711-98  
Sequence 98, Application US/11019711  
Publication No. US2006009634A1  
GENERAL INFORMATION:  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Alabrook II, John P  
APPLICANT: Tchernyev, Vellizar T  
APPLICANT: Liu, Xiaohong  
APPLICANT: Spytek, Kimberly A  
APPLICANT: Paturajan, Meera  
APPLICANT: Groose, William M  
APPLICANT: Lepley, Denise M  
APPLICANT: Burgess, Catherine B  
APPLICANT: Verneet, Corine A.M.  
APPLICANT: Li, Li  
APPLICANT: Gorman, Linda  
APPLICANT: Edinger, Shlomit R  
APPLICANT: Sciore, Paul  
APPLICANT: Ellerman, Karen  
APPLICANT: Malyankar, Uziel M  
APPLICANT: Rothenberg, Mark

APPLICANT: Stone, David J  
APPLICANT: Boldog, Ferenc L  
APPLICANT: Guo, Xiaojia  
APPLICANT: Shenoy, Suresh G  
APPLICANT: Anderson, David W  
APPLICANT: Padigar, Muraidhara  
APPLICANT: Taupier Jr, Raymond J  
APPLICANT: Miller, Charles E  
APPLICANT: Eisen, Andrew J  
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
FILE REFERENCE: 21402-235  
CURRENT APPLICATION NUMBER: US/11/019,711  
CURRENT FILING DATE: 2004-12-21  
PRIOR APPLICATION NUMBER: US/10/037,417  
PRIOR FILING DATE: 2002-09-20  
PRIOR APPLICATION NUMBER: 60/260,018  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: 60/260,360  
PRIOR FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: 60/272,411  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: 60/272,817  
PRIOR FILING DATE: 2001-03-02  
PRIOR APPLICATION NUMBER: 60/291,186  
PRIOR FILING DATE: 2001-05-15  
PRIOR APPLICATION NUMBER: 60/303,231  
PRIOR FILING DATE: 2001-07-05  
PRIOR APPLICATION NUMBER: 60/305,060  
PRIOR FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: 60/318,405  
PRIOR FILING DATE: 2001-09-10  
PRIOR APPLICATION NUMBER: 60/318,700  
PRIOR FILING DATE: 2001-09-12  
NUMBER OF SEQ ID NOS: 227  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 98  
LENGTH: 1504  
TYPE: PR  
ORGANISM: Drosophila melanogaster  
US-11-019-711-98

Query Match 10.5%; Score 369; DB 7; Length 1504;  
Best Local Similarity 24.7%; Pred. No. 3, 2e-16;  
Matches 122; Conservative 70; Mismatches 205; Indels 96; Gaps 14;  
QY 24 CCGCCGCGPCTVPCARAGCTVPRVPTVGLVYFENGITMLDA-GSPAGLPGQLD 82  
DB 543 CPAMCHC-EGTVDCGTGKGLKEIPDIPLHTTELLANDDELGRISDGLFGLPLVKLE 601  
QY 83 LSONQIASLPSCGVFQPLANSLNDLTANRLHEITNETFGLRRLERLYLGNRIHQPG 142  
DB 602 LKRNQGTGEPNAPFEGASHIQELQDENKKEISNMFGHGLKTLNLYDNQISCVWG 661  
QY 143 APDTDLRLLELKQDNEL-----PALPLRLRLLLDLSH- 178  
DB 662 SEHNLSTLSLNASPNFNCNCHLAWFAEWLRKKSINGGAARGAASKVRDVQIKDLPSS 721  
QY 179 -----NSLLALEPILD---TANBEALRLAGLGOOLDEGFSLRLNLDHVDVSDNO 228  
DB 722 EFKCSSENEGGCGDGYCPSPCTCTGTGVACSNQOLKEIPKGLPAETSELY---LSNEI 778  
QY 229 ERVP-FVIRGLRLRLRLAGNTRIAQLRPEDLAGLAALQELDVS----- 272  
DB 779 EQHYERIRHLRLSLRLDLS-NNQITLTSNYTFANLTKLSTLIISYKLCLOQRHALSG 837  
QY 273 -NLSLOALQGLSLGPR-----LRLAARNPFCYCSWFGPWRESHYLAAP 323  
DB 838 NNLRYSLSLGNRIKMLPEGSFEDLKSILTHALGSNPLYCCGKWFSDWKLDYV---EB 894  
QY 324 EETTRCFPPPKNARLLLELDYADFGCPATTTATVTPTRPVVPEPTALSSLAFTWLSPT 383  
DB 895 GIARCAEFPEOMKDKILSTPSSSFVGRGRVNDIILAKNACFPQPCONQACV-----A 948

QY 384 APATAPSPSPSTAPPTVGPVOP-----QDCPSTCLNGTCHLGRHHLAC 432  
DB 949 LQREYQC-----LQPGYHKGKCEPMIDACVGNPCRNATCTVLEGRFSCQC 997  
QY 433 PEGFTGLYCESOM 445  
DB 998 APGYTGARCEITVI 1010

RESULT 12  
US-11-019-711-105  
Sequence 105, Application US/11019711  
Publication No. US2006009634A1  
GENERAL INFORMATION:  
APPLICANT: Kekuda, Ramesh  
APPLICANT: Alasbrook II, John P  
APPLICANT: Tchertnev, Velizar T  
APPLICANT: Liu, Xiaohong  
APPLICANT: Spytek, Kimberly A  
APPLICANT: Paturajan, Meera  
APPLICANT: Groesse, William M  
APPLICANT: Lepley, Denise M  
APPLICANT: Burgess, Catherine E  
APPLICANT: Verne, Corine A.M.  
APPLICANT: Li, Li  
APPLICANT: Gorman, Linda  
APPLICANT: Edinger, Shlomit R  
APPLICANT: Scioere, Paul  
APPLICANT: Ellerman, Karen  
APPLICANT: Malyskay, Uriel M  
APPLICANT: Rothenberg, Mark  
APPLICANT: Stone, David J  
APPLICANT: Boldog, Ferenc L  
APPLICANT: Guo, Xiaojia  
APPLICANT: Shenoy, Suresh G  
APPLICANT: Anderson, David W  
APPLICANT: Padigar, Muraidhara  
APPLICANT: Taupier Jr, Raymond J  
APPLICANT: Miller, Charles E  
APPLICANT: Eisen, Andrew J  
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same  
FILE REFERENCE: 21402-235  
CURRENT APPLICATION NUMBER: US/11/019,711  
CURRENT FILING DATE: 2004-12-21  
PRIOR APPLICATION NUMBER: US/10/037,417  
PRIOR FILING DATE: 2002-09-20  
PRIOR APPLICATION NUMBER: 60/260,018  
PRIOR FILING DATE: 2001-01-05  
PRIOR APPLICATION NUMBER: 60/260,360  
PRIOR FILING DATE: 2001-01-08  
PRIOR APPLICATION NUMBER: 60/272,411  
PRIOR FILING DATE: 2001-02-28  
PRIOR APPLICATION NUMBER: 60/272,817  
PRIOR FILING DATE: 2001-03-02  
PRIOR APPLICATION NUMBER: 60/291,186  
PRIOR FILING DATE: 2001-05-15  
PRIOR APPLICATION NUMBER: 60/303,231  
PRIOR FILING DATE: 2001-07-05  
PRIOR APPLICATION NUMBER: 60/305,060  
PRIOR FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: 60/318,405  
PRIOR FILING DATE: 2001-09-10  
PRIOR APPLICATION NUMBER: 60/318,700  
NUMBER OF SEQ ID NOS: 227  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 105  
LENGTH: 567  
TYPE: PR  
ORGANISM: Mus musculus  
US-11-019-711-105  
Query Match 10.1%; Score 356.5; DB 7; Length 567;



```

Query Match      10.1%; Score 354.5; DB 7; Length 649;
Best Local Similarity 24.4%; Pred. No. 1e-15;
Matches 155; Conservative 101; Mismatches 263; Indels 117; Gaps 26;

13 LLLALGP---GVQCGPSGCGSOPQVFTAGTTPVDPVPPVGVFENGITMDLA 69
17 LFLQVAPLSVMKSCPSVCRG-DAGPIYCNDRFLTIPGIDEDATVLYLQNNQI----- 70
70 GSPFLPG-----LQLDLSONQJASIPSGVFOGLANLSNLDITANLHEITNTEFG 122
71 -NNAIGIPSDLKXLLKXRIYLYHNSIDEPPTLPR--YKELHLOENNIRITITDSLSK 126
123 LRLRLYLGRKIR--HIQGFADTDLRLLEKLQDNEIRALPRLRL--LIDLSHN 179
127 IYLEHMDHDSVSASIEBGFRRSNTLRLFLSRNLSTI-PWGLFRTIEBLRDN 185
180 SLALU-EPGIDLTANVEALRLAG--LGLQOLDEGLFSRLRNLDLVDSONQERVPYIR 236
186 RISTISSPSLQGLTSLIKRLVLDGNLNNHGLGDKVFNVLNTELSLVNSSLTAAPVNL 245
237 GLRGLTRLRLAGNTRIAQLRPEDLAGLALQELDVSNLSQALPGDLSGLPRLRLMAA 296
246 G-TNLRKLYLQDN-HINRPVPAFSTYLRQLYRLDSSNNLSNPGCIFDDLDNITQLIR 303
297 RHPFNCVCPLSWFGPVVRESHYTLASPEETRCHFPKXAGRLLELDYADFQCPATTTA 356
304 NNPMWCGCKMKVYRDLQSLPVKV-NVRGLMCOAPEKXVGMALKQNALMLFCKKSGIVS 362
357 TVPTTRPVVREPTALSSSLAPT---WLSPTAPATEAPSPSPSTAPPVGVGVPQDPCPST 413
363 TIQIT-----TAIPNTYVPAQGGWPAVTKOPDKNKLKT----- 397
414 CLNGTCHLGTNRHLACLCPBEPTGLYCSCQMGQGRPSPTPYTPRPSLTGLIEVPSP 473
368 -----KDQTTGPS-----KRTITTYKSVS 420
474 TSLRVGLORYLOGSSVQLRSRLTYRNLSGP-DKRLVTLRLPASLAETVTLQRPAYTS 532
421 DTIHSWKALPMTLRSLMKLGHSPAFGSITETIVT-----GERSEYLVTLALEDSPYK 476
533 VCVMLPGRGVREGEE--ACGEAHTPPRAVSHNAPVT-----QARP-----GNLPL--LTA 579
477 VCMVMEETSNLYLFETPVCIEETAPLRMYN--PTTTLNREOEKPYKNPMLPLAATIG 534
580 PALAVALTLAALAVGAAYCVRGRMAA--AADPKQ 614
535 GAVALVTITALLALV-CWYVHRNGSLFSRNCAYSKGR 569

RESULT 15
US-10-131-826A-36
; Sequence 36, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

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```

; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131.826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 36
; LENGTH: 674
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-36

Query Match      10.0%; Score 352; DB 6; Length 674;
Best Local Similarity 23.0%; Pred. No. 1.5e-15;
Matches 162; Conservative 100; Mismatches 259; Indels 182; Gaps 28;

24 CPSGCGSQPQVFTAGTTPVDPVPPVGVFENGITMDAGSFAGLP----- 76
54 CPSVCRGN-GFTYNDGLTSPADIPDDATVLYLQNNQI-----NNAIGIPOLKTKV 106
77 GLQLDLSONQJASIPSGVFOPLANTL-----SNLDLTA-----NRLH----- 113
107 NQVQIYLVENDDEPILNPLSRLEHLDQNNVRTIADSLARIPLEKHLHDSNVSTV 166
114 ETMETPGLRLERLYGKRIHQGADPTDLRLLEKLQDNEIRALPRLRL 173
167 SIEBPAFDSQKLLFLSRNHLSSIPSGLPHTLE--ELRLDRIISTTPLHAKGL-- 221
174 LDIHNSLLEPGLIDTANVEALRLAGLGLQOLDEGLFSRLRNLDLVDSONQERVP 233
222 -----NSLRRL--VLD-GNL-----LANQRIDOTFRSLQNTLSLVNSL-AAAP 264
234 VIRGLRGLTRLRLAGNTRIAQLRPEDLAGLALQELDVSNLSQALPGDLSGLPRLRL 293
265 LNLPSAHLQKLYLQDNA-ISHIPLYNTLAKMELERLDLSNNNLTLPLGLFDDLGNLQL 323
294 AAAKRPVNCVPLSWFGPVVRESHYTLASPEETRCHFPKXAGRLLELDYADFQCPAT 353
324 LLRNPMFCGCLMLRLDWK-ARAAVNVRLGMLCQGEKRGNAIKYI-----TS 373
354 TTAATVPTTRPVVREPTALSSSLAPTASPTAP-----ATEAPSPSTAPPTVGPVPOPD 408
374 EMDCEFTGPOGQVANAAXKTASHAATTPQGSILFLKXKRPRLRPLDS-----NID 427
409 CEPSTCLNGTCHLGTNRHLACLCPBEPTGLYCSCQMGQGRPSPTPYTPRPSLTGLI 468
428 YPMAT-----GDGA-----KTLAHV 443
469 EPVSPSLRVGLORYLOGSSVQLRSRLTYRNLSGPDRLVTLRLPASLAETVTLQRP 528
444 KALTDSTIRITWKATLPLASSFRSLRWLRGHSPAVG--STRETVQSGKTEILTLALPK 500
529 ATYSVCWMLPGRGVREGEE--ACGEAHTPPRAVSHNAPVTOARE-----GNLPL--L 577

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Db      501 STYICWVTMETSNAYVADETEVCACAETA----DSYGFTTTLNQEQNAGPMASLPLAGI 556
Oy      578 IAPALAAV-LIAPALAAV-----GAAVCVRGRMAAAADKQGVGPGAGPLELEGVAVPL 631
Db      557 IGGAVAVLPLPLVLAICWYVHQAGELLTRERAYNRGSRK-----597
Oy      632 EPGPKATEGGGEALPSSGSECEVPLMGFPQPGIQ---SPLHAK 670
Db      598 -----DDYMESGTYKDNLSILIRGPGLOMLPINPYRAK 630

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Search completed: February 16, 2006, 23:15:02  
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